Date taken out.	For what purpose.			Initials of clerk taking the paper or of attender.	Date returned.	Initials of attender.
	Department.	C. No.	Year.			

1158

Marine (1896) Department.

G.O., No. 848 Mar.

DATED 8 December.

8/12/96

[Despatch Abstract.]

Administration Report: Reviewing the [illegible] of the Madras Port Department (including the Reports of the Agent for Govt. Consignments and the Deputy Conservator of the Port of Madras) for 1895-96 submitted by the Presy. Port Officer.

130/10

T.C. 8/12

8/12

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Government {1896} of Madras.

MARINE.

Recd. } 1896. *Enclosures*

Regd. } *Spare copies*

G.O., No. 848, 8th December 189[illegible]

DECEMBER.

Administration Report

Reviewing the — of the Madras Port Department (including the reports of the Agent for Government, Consignments and the Deputy Conservator of the Port of Madras) for 1895–96, submitted by the Presidency Port Officer.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

Read—the following paper:—

From Commander H. A. STREET, R.I.M., Presidency Port Officer, Madras, to the Secretary to Government, Marine Department, dated 16th October 1896, No. 1813/329 G.

I have the honour to forward herewith the Report on the Administration of the Madras Port Department (including the reports of the Agent for Government Consignments and Deputy Conservator of the Port of Madras) for the official year 1895–96.

Enclosures.

REPORT ON THE ADMINISTRATION OF THE MADRAS PORT DEPARTMENT FOR THE OFFICIAL YEAR 1895–96.

1. *Official Staff.*—Commander W. J. Powell, Presidency Port Officer, retired on 15th February 1896, and was succeeded by Commander H. A. Street, R.I.M. Mr. W. S. Carlyon, Port Officer, Mangalore, and Mr. J. M. Simpson, Port Officer, Gopalpur, were permitted to exchange ports by mutual consent. Temporary changes in the gazetted staff of the department during the year are noticed in Appendix H.

2. *Act X of* 1889.—The limits of the port of Coondapoor in South Canara fixed in 1881 were altered, and revised limits fixed during the year under report. The port limits of Masulipatam were also altered.

Under section 4 (1) (*a*) the provisions of the Ports Act were extended to the port of Ferokh in the district of Malabar, and the necessary notifications issued in respect to port limits, the appointment of a Conservator for the port, levy of Port dues, introduction of Port rules, &c.

Port dues rates were fixed in the year for Ganjám port, in the district of Ganjám, and for the ports of Vembar and Pattanamaradur in Tinnevelly district.

Under section 6 (1) (*j*) new rates were fixed for the storage of cargo in the goods shed at Tuticorin.

Rates were fixed for lands within port limits at Ponáni rented for use by private individuals.

Rules for working the port crane at Mangalore were issued and rates fixed for the use of the crane.

Act IV of 1884.—Some alterations were made in the rules for regulating the transport and importation of explosives in the port of Madras.

(*Madras*) *Acts V of* 1863 *and VII of* 1871.—The provisions of these Acts were extended to the new iron screw-pile pier at Tuticorin, rates fixed for goods, &c., passing over it, and bye-laws for working brought into force.

Acts X of 1841 *and XI of* 1850.—Eighty-seven native craft were registered and 200 changes of masters endorsed on registry certificates. The total amount of fees realized under both heads was Rs. 1,294–8–0 against Rs. 1,245–15–0 in the previous year, showing an increase. For details see Appendices F and G.

Act I of 1859.—Details of engagements and discharge of seamen are given in Appendix K.

3. *Passenger Traffic, general, and under the Native Passenger Ships Act.*—By vessels that came under the operation of the Native Passenger Ships Act, 18,430 passengers left the coast on "long" voyages, and 135,809 on "short" voyages. Details of general passenger traffic are given in Appendix I. 220,937 passengers in general arrived on the coast, and 249,899 sailed therefrom. The increase in departures is large, and due, probably, to advantage having been taken of the regular daily steam service now maintained between Tuticorin and Colombo. The largest passenger traffic was carried on at Tuticorin; Pámban and Negapatam come next.

4. *Wrecks and Casualties.*—For details see Appendix A. There were thirty casualties to shipping in the year against twenty-one in the previous year. There was no loss of life in any instance. The Austro-Hungarian steamer *Thisbe* which went aground near the Sacramento Shoal had to be abandoned as a total loss. A special court of inquiry was held in this case at Cocanada.

5. *Boat*—supply at the coast ports was sufficient to meet requirements—see Appendix L.

6. *Weather.*—Cyclonic weather was experienced at Masulipatam and Cocanada on 5th September 1895, but it passed away without doing any material damage. The Madras Cyclone Code underwent a further revision in the year.

7. *Dredging Operations.*—At Cocanada one of the two Priestman dredgers was employed for 183 days in the year, on the bar, at the mouth of the river and alongside the wharves, removing 63,883 tons of silt at an average working expense of As. 1-2 per ton; the other dredger was similarly employed for 241 days in the year, removing 80,961 tons of silt at an average working expense of As. 1-1 per ton. For the remainder of the year the dredgers in each case were laid up for repairs to the hull and machinery and annual overhauling. For details of dredging work at Cocanada and Cuddalore, see Appendices J and J (i).

8. *Service Registers*—have been maintained as required.

9. *Stores.*—An inventory of valuable stock has been maintained.

10. *Navigation, Tonnage and Dues.*—Details are given in Appendix B. The following is a statement of the number of vessels, their tonnage, and the dues collected thereon in the whole Presidency:—

Ports.	Vessels.	Number.	Tonnage.	Dues.	Remarks.
				Rs.	
Madras ..	British—				
	Coasting	330	561,619	36,433	
	Other than coasting	236	517,871	68,117	
	Foreign	91	136,512	14,597	Men-of-war, Government ships, and vessels that called for orders only, are not included; hence the variation between the figures here and those in the Deputy Port Conservator's report.
	Native	85	9,324	618	
	Total ..	742	1,225,426	1,19,765	
Coast Ports ..	British—				
	Coasting	3,639	4,895,505	1,63,947	
	Other than coasting	326	448,883	35,492	
	Foreign	1,059	163,943	17,017	
	Native	20,837	746,972	25,745	
	Total ..	25,861	6,255,303	2,42,201	

Compared with the figures of the previous year, there was, in respect to the port of Madras, in the case of—

(*a*) British coasting vessels,
(*b*) British vessels other than coasting,
(*c*) Foreign vessels,
(*d*) Native vessels,

} an increase in number, tonnage and dues.

Taking the aggregate tonnage that entered the port, or the tonnage of each call, irrespective of exemptions under the limit within which dues are payable in accordance with the schedule, class (*a*) contributed one anna per ton port dues; class (*b*) As. 2–1; class (*c*) As. 1–9; and class (*d*), As. 1–1.

The payments at Madras averaged thus from 12 to 25 pies per ton.

Similarly compared there was, in respect to coast ports, in the case of—

(*a*) British Coasting vessels, a decrease in number, tonnage and dues; and in the case of all other classes of vessels an increase in number, tonnage and dues.

Class (*a*) contributed 6 pies per ton port dues; class (*b*) As. 1–3; class (*c*) As. 1–8; and class (*d*) 7 pies. The payments at the coast ports averaged thus from 6 to 20 pies per ton.

11. *Trade.*—The following is a statement of the value of, and duty on, the import and export trade of the principal ports in the Presidency, exclusive of Government stores, and Government and private treasure.

Ports.	Tons.	Value of		Total.	Duty on		Total.
		Imports.	Exports.		Imports.	Exports.	
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Madras	1,225,426	6,28,26,933	6,60,98,517	12,89,25,450	30,23,722	1,281	30,25,003
Tuticorin	511,590	1,08,45,486	1,87,94,927	2,96,40,413	1,15,675	9,662	1,25,337
Cochin	579,380	1,01,97,596	1,61,53,815	2,63,51,411	44,378	95	44,473
Calicut	514,700	85,11,911	1,25,96,329	2,11,08,240	39,522	12	39,534
Cocanada	566,319	33,30,069	1,53,88,881	1,87,18,950	13,706	48,577	62,283
Mangalore	238,296	44,08,450	1,27,95,498	1,72,03,948	24,307	4,246	28,553
Tellicherry	334,513	42,95,655	83,44,854	1,26,40,509	13,579	..	13,579
Negapatam	476,922	42,28,955	47,22,910	89,51,865	77,688	1,03,195	1,80,883
Bimlipatam	402,316	25,75,966	38,68,545	64,44,511	2,688	..	2,688
Cuddalore	344,154	6,48,986	51,20,183	57,69,169	1,754	1,911	3,665
Vizagapatam	444,381	9,77,520	29,05,701	38,83,221	2,584	..	2,584
Gopalpur	187,975	13,08,903	22,55,483	35,64,386	2,426	2,265	4,691
Cannanore	237,736	21,50,028	11,02,928	32,52,956	3,069	..	3,069
Masulipatam	259,496	11,02,976	18,90,945	29,93,921	4,110	64,549	68,659
Calingapatam	172,402	2,81,363	9,19,167	12,00,530	35	19	54
Porto Novo	62,071	2,27,181	4,95,151	7,22,332	11,235	34,406	45,641
Pámban	98,866	2,92,714	3,76,752	6,69,466	2,602	24	2,626
All other Coast Ports	824,586	64,65,939	1,18,94,048	1,83,59,987	19,870	1,66,142	1,86,012
Madras { 1894–95 ..	1,165,715	7,15,21,088	5,92,32,809	13,07,53,897	26,20,108	21,271	26,41,379
{ 1895–96 ..	1,225,426	6,28,26,933	6,60,98,517	12,89,25,450	30,23,722	1,281	30,25,003
Increase ..	59,711	..	68,65,708	..	4,03,614	..	3,83,624
Decrease ..	..	86,94,155	..	18,28,447	..	19,990	..
Coast ports { 1894–95 ..	6,228,691	5,69,19,560	12,17,88,674	17,87,08,234	3,18,746	5,52,892	8,71,638
{ 1895–96 ..	6,255,303	6,18,49,698	11,96,26,117	18,14,75,815	3,79,228	4,35,103	8,14,331
Increase ..	26,612	49,30,138	..	27,67,581	60,482	..	..
Decrease ..	..	..	21,62,557	..	..	1,17,789	57,307

12. Tuticorin again stands first among the coast ports in point of importance of the trade carried on in the year. The other ports rank next in importance in the order in which they are shown in the foregoing statement.

Coast Ports.

13. *Gopalpur.*—Cargo boats capsized on thirty-two occasions, but there was no loss of life.

14. *Cocanada.*—Conservancy Board held twelve meetings in the year; there was a decrease in the dues levied under Madras Act III of 1885, due to smaller import of railway material in the year; the tug *Godavari* was docked and repaired; dredging work at this port is noticed elsewhere; a further extension of the groynes here is under consideration.

15. *Negapatam.*—Dredging by manual labour had frequently to be resorted to in order to remove the silting in the river; arrangements were made for constructing at the Calcutta Dockyard a bucket dredger for Negapatam.

16. *Pámban.*—The Sand Bank channel having again silted up, arrangements were made for clearing silt with the aid of the dredger *Wenlock*.

17. *Tuticorin.*—Reclamation of the foreshore was completed; the new iron screw pile pier was completed and taken over.

18. *Tellicherry.*—Owing to serious encroachment of the sea, the construction of a sea wall in front of the custom house was sanctioned about the close of the year, and the work afterwards completed.

19. *Mangalore.*—The bar and entrance were periodically surveyed in connection with schemes for port improvements which are under consideration.

The flagstaves, buoys, beacons, &c., at the several coast ports were maintained in an efficient state. In view of the increase in the number of coasting steamers calling at Ponani, that port was provided with a flagstaff and the necessary establishment for signalling to the shipping. The usual annual inspection of ports was made by the Presidency Port Officer.

Accounts.

20. The abstract of Appendix B furnishes particulars of Port Dues collections made during the year from the several classes of vessels at Madras and at the ports in the Eastern and Western groups.

21. Appendix C is a statement showing the financial position of the Port and Marine funds on the 31st March 1896.

Port Funds (Act X of 1889).

22. *Receipts.*—The receipts for 1895–96 were Rs. 4,39,931 against Rs. 4,35,871 of the previous year.

Out of Rs. 26,455 collected as fees, a sum of Rs. 5,584 was paid as personal allowances to Port officers and Conservators, and another sum Rs. 9,417 as overtime fees for officers and establishment. There was thus a saving of Rs. 11,454 under this head of receipt.

23. *Charges.*—The charges for the year were Rs. 4,79,436 and included an expenditure of Rs. 1,12,852 on account of dredger "Wenlock" from 1891–92 debited to Port Funds Act (X of 1889) as General Charges in accordance with G.O., No. 586, Financial, dated 13th August 1895. The charges of the previous year were

Rs. 5,76,744, which included Rs. 1,87,913, being contribution to the Harbour Trust Board, Madras, and investments in Government Securities (*vide* G.O., No. 334, Marine, dated 14th November 1895, page 21).

Appendix C (iii) furnishes particulars of general receipts and general charges, and the statement that accompanied this office letter No. 1813/324 G, dated 26th September 1896, furnishes particulars of lighthouse charges.

The adjustment of a heavy charge on account of dredger "Wenlock" from 1891–92 against the several District Port Funds has seriously affected their financial position during the year.

With the exception of Vizagapatam, Gódávari, Nellore, Chingleput and Malabar, the transactions of the other District Port Funds resulted in a deficit. The large deficit in Tinnevelly is due to heavy charges on account of the new pier which amounted to Rs. 58,229 during the year, and also to charges on account of the dredger "Wenlock."

24. *Madras.*—Government securities of the nominal value of Rs. 33,900 belonging to the Madras port were transferred to the Harbour Trust Board during the year, in accordance with G.O., No. 1067, Financial, dated 5th December 1894. Out of the surplus balance of the year, *i.e.*, Rs. 35,106–5–0, a sum of Rs. 2,063–7–4 will have to be made over to the Madras Pilotage funds to cover its deficit balance on the 31st March 1896, and the balance, Rs. 33,042–13–8, transferred to the Harbour Trust Board, Madras, as Port fund contribution for 1895–96.

Appendices C (vi-*a*) and C (vi-*b*) furnish particulars of the *plus* and *minus* entries to be made in the accounts of the Accountant-General in connection with the distribution of coasting steamers dues, general receipts, general charges and light-house charges.

The closing balance of Port Funds (Act X of 1889) on the 31st March 1896 was Rs. 6,59,251 against Rs. 7,32,656 on the same date in the previous year, the large decrease being due to adjustment during 1895–96 of dredger "Wenlock's" charges from 1891–92 as noticed above.

Pilotage Funds (Act X of 1889).

25. The transactions of the Madras Pilotage fund during the year resulted in a deficit of Rs. 2,063–7–4, and this was due to increased rate of pay drawn for the Harbour Masters.

26. At Mangalore there was a small deficit of Rs. 12–8–0, which calls for no special remarks.

27. At each of the other ports, *i.e.*, Pámban and Cochin, where a similar fund exists, there was a surplus during the year.

Landing and Shipping Dues (Act III of 1885).

28. At the ports of Vizagapatam, Masulipatam and Mangalore where this Act is in force, there was a surplus during the year.

29. At Cocanada, the deficit of Rs. 11,923 was, in a great measure, due to charges on account of the new groynes which amounted to Rs. 28,558 during the year.

30. The small deficit at Negapatam was due to adjustment of cost of the new dredger incurred up to 31st March 1896 by the Government Dockyard at Calcutta.

Summary.

31. Compared with the previous year's figures there was at Madras, in the year under report an increase in number, tonnage and dues in all classes of vessels that called; at coast ports a decrease in number, tonnage and dues of British coasting vessels, and an increase in the case of all other vessels.

32. Seven hundred and forty-two vessels of 1,225,426 tons (total) called at Madras in 1895–96 paying Rs. 1,19,765 port dues. At the coast ports 25,861 vessels of 6,255,303 tons (total) called, paying Rs. 2,42,201.

33. The payments in dues averaged from 12 to 25 pies per ton at Madras and from 6 to 20 pies per ton at coast ports.

34. The largest passenger traffic was carried at the following ports, viz., Tuticorin (72,856 arrivals and 77,009 departures); Pámban (29,104 arrivals and 51,711 departures); Negapatam (24,116 arrivals and 25,581 departures).

35. Among the coast ports Tuticorin again heads the list in regard to import and export trade.

36. In the total amount of duty collected there has been an increase both at the coast ports and at Madras, but in export duty, taken separately, there has been a large decrease at Madras, owing to fewer shipments of rice in the year from this port to Colombo.

37. The number of casualties to shipping was 30 in the year against 21 in the previous year. The most important was the accident to the Austro-Hungarian steamer "Thisbe" which became a total loss near the Sacramento Shoal.

APPENDIX A.

Statement of Wrecks and Casualties which have occurred, or have been reported, at Ports in the Madras Presidency during the official year 1895–96.

Date.	Name of Vessel.	Tonnage.	Summary of particulars furnished by the reporting officer.	Finding of Court of Inquiry.
	(*Stranding.*)			
1895. 28th April ..	British Barque *Grosvenor*; Master, Jones.	517	Stranded on the Sacramento Shoal but was floated off in a few hours without damage.	
	(*Stranding.*)			
30th „ ..	British Brig *Roohal Amanath*; Master, Mahar Ali.	156	Stranded on the South-east Coast of Ráméswaram through stress of weather and became a total loss.	
	(*Miscellaneous.*)			
2nd May ..	British Schooner *Ramaswamy*; Master, Fazer Ally.	118	Slightly touched the ground on the south bank of the Cochin river owing to strong tides, but safely got off.	
	(*Miscellaneous.*)			
3rd „ ..	British S.S. *Lalpoora*; Master, John Stone.	2,125	Ran on the Crocodile rock and was slightly damaged. Partial loss to cargo.	
	(*Stranding.*)			
12th „ ..	British Schooner *Syed Mohamed Bogarry*; Master, Lawrence Jacob.	52	Grounded inside Puma channel, Gulf of Mannar, but was floated off immediately without damage.	
	(*Stranding.*)			
24th „ ..	British Dhoney *Miramadam*; Master, Sinnakony.	66	Sustained a leak while rounding the Calimere Point and stranded at Pushpavanam, a village 2 miles north of *Toputurai*. Partial loss to vessel Rs. 300; and total loss to cargo, value Rs. 75.	
	(*Miscellaneous.*)			
1st June ..	British S.S. *Skidby*; Master, John Strachan.	2,421	*En route* from Cape Town to Madras, sustained damage to her propeller.	
	(*Stranding.*)			
23rd „ ..	Austrio-Hungarian S.S. *Thisbe*; Master, Rieteo Sussonich.	1,860	*En route* from Madras to Cocanada, grounded off Sacramento Shoal owing to a strong westerly current and became a total loss. Cargo was partially saved.	A Court of Inquiry was held at Cocanada on the 24th July 1895, and the court suggested the necessity for a good light in the vicinity of the Sacramento Shoal.
	(*Stranding.*)			
14th July ..	British S.S. *Vasna*; Master, E. G. Hacquoil.	482	Grounded on the northern side of the Pámban Pass by approaching too close to it, but got off soon without damage.	
	(*Stranding.*)			
25th „ ..	British Schooner *Fyzool Rubhanee*; Master, Assana Levai.	21	Having lost her rudder and yard, the vessel drifted on to the Seltivu rocks in the inner harbour, Tuticorin. Loss to the vessel, Rs. 64.	
	(*Stranding.*)			
28th „ ..	British Dhoney, No. 10; Master, Meeran Pillai.	22	Owing to a sudden squall, the boat capsized in the Tuticorin inner harbour. Partial loss to the Dhoney Rs. 20; to cargo Rs. 56.	
	(*Founderings.*)			
20th Sept. ..	British Schooner *Mohidin Sagool Hamid Bux*; Master, Mahomed Alliar.	34	Foundered east of Ráméswaram. Loss to vessel Rs. 500; cargo Rs. 200.	
	(*Stranding.*)			
29th Oct. ..	British Padow *Kasiprasad*; Master, Makow Bhana.	50	Drifted ashore at Varakal, north of Calicut, owing to rough sea. Total loss of vessel Rs. 2,500; partial loss of cargo Rs. 858.	
	(*Stranding.*)			
29th „ ..	British Batela *Rooparel*; Master, Dedia Ganesh.	43	Drifted ashore at Varakal near Calicut, owing to rough sea. Loss to the vessel Rs. 2,000, and to cargo Rs. 660.	

Statement of Wrecks and Casualties which have occurred, or have been reported, at Ports in the Madras Presidency, &c.—*cont.*

Date.	Name of Vessel.	Tonnage.	Summary of particulars furnished by the reporting officer.	Finding of Court of Inquiry.
1895.	(*Stranding.*)			
29th Oct. ..	British Padow *Ramprasad*; Master, Govind Mitla.	61	Drifted ashore at Varakal near Calicut, owing to rough sea. Total loss to vessel Rs. 3,000.	
	(*Stranding.*)			
30th ,, ..	British Padow *Hariprasad*; Master, Peethambar Narayan.	41	Drifted ashore at Varakal near Calicut, owing to rough sea. Partial loss to Padow Rs. 300.	
	(*Stranding.*)			
	British Padow *Godávary-prasad*; Master, Sukla Anji.	50	Drifted ashore at Varakal near Calicut, owing to rough sea. Partial loss to vessel Rs. 200.	
	(*Stranding.*)			
26th Nov. ..	British Dhoney, No. 25; Master, Mohidin Pitchai.	10	While coming through the western entrance of the harbour at Tuticorin, ran on the north-west ledge of the Seltivu rocks. Partial loss to vessel Rs. 200; cargo Rs. 150.	
	(*Stranding.*)			
8th Dec. ..	British Barque *Lord Harris*; Master, Ally Maricar.	579	While riding at anchor in the Nagore roadstead, parted her moorings owing to heavy sea and drifted ashore and broke up. Total loss to vessel Rs. 30,000.	
	(*Stranding.*)			
19th ,, ..	British S.S. *Lady Havelock*; Master, John C. Whitley.	322	Stranded off Shingle island while entering the port of Pamban and subsequently floated without damage.	
1896.	(*Stranding.*)			
5th Jan. ..	British S.S. *Vasna*; Master, E. G. Hacquoil.	482	Grounded in the Sand Bank channel, Pamban Pass, and subsequently floated without damage.	
	(*Stranding.*)			
9th ,, ..	British Schooner *Anantha Pooravy*; Master, K. Elhatomby.	86	Stranded by approaching too close to the land on a dark night at Mannaly Island, Gulf of Mannar, and floated subsequently. Partial loss to vessel Rs. 600; cargo Rs. 500.	
	(*Collision.*)			
24th ,, ..	British S.S. *Picton*; Master, C. J. Payne.	1,527	Collided with a schooner (name unknown) 12 miles south-east from Souter Point light, but sustained no damage.	
	(*Stranding.*)			
27th ,, ..	British Muchwa *Darya Salamathy*; Master, Mogerkoraga.	21	While at anchor off Hangaracotta, South Canara, the vessel parted her moorings owing to streng northerly wind, drifted ashore and broke up. Loss to *Muchwa* Rs. 500.	
	(*Stranding.*)			
18th Feb. ..	Japanese S.S. *Idzumi Maru*; Master, J. W. Renny.	2,090	While approaching the Tuticorin anchorrage in a dark night, the vessel took the ground off Hare Island, but was afterwards floated, without material damage to the vessel.	
	(*Miscellaneous.*)			
22nd ,, ..	British Muchwa *Ali Madath*; Master, Goolam Bin Hoosen Biary.	30	While off Malabar coast, the vessel sprung a leak when under weigh, by a sword fish striking the vessel on the Port side and splitting a plank. Partial loss to vessel Rs. 50; cargo Rs. 400.	
	(*Stranding.*)			
22nd ,, ..	British S.S. *Argus*; Master, E. Johnson.	1,822	Stranded on the Armeghon Shoal (Coromandel Coast), the master mistaking the Armeghon light for Seven Pagodas light, but was floated without damage.	
	(*Stranding.*)			
1st March ..	British Muchwa *Dustagiri*; Master, Isakji Ismael.	23	While off Shirur, South Canara, the vessel ran against a rock and sprang a leak. Partial loss to vessel Rs. 300; cargo Rs. 400.	
	(*Stranding.*)			
2nd ,, ..	British Cotia *Khataopasa*; Master, Salai Ebram.	132	While crossing the Beypore Bar the vessel took the ground, and became a total loss valued at Rs. 9,000.	

Statement of Wrecks and Casualties which have occurred, or have been reported, at Ports in the Madras Presidency, &c.—*cont.*

Date.	Name of Vessel.	Tonnage.	Summary of particulars furnished by the reporting officer.	Finding of Court of Inquiry.
	(*Stranding.*)			
18th March ..	Portuguese Muchwa *Vittal Prasad*; Master, Ganesha.	27	While leaving against the flood, the vessel struck on the bar, Malpe harbour, and sprung a leak. Partial loss to vessel Rs. 500; cargo Rs. 75.	

Abstract.

Year.	Number of casualties.					Number of lives lost.
	Stranding.	Foundering.	Collision.	Miscellaneous.	Total.	
1894–95	18	..	1	2	21	*Nil*
1895–96	24	1	1	4	30	..
Increase ..	6	1	..	2	9	..
Decrease ..	..	..	..	..	..	..

APPENDIX B.

Particulars of the Trade of the several districts of the Madras Presidency during the official year 1895–96.

Districts.	British vessels. Coasting steamers. Arrived. In ballast. Vessels.	Tonnage.	Dues.	With cargo. Vessels.	Tonnage.	Dues.	With passengers. Vessels.	Tonnage.	Dues.	Total. Vessels.	Tonnage.	Dues.
1	2	3	4	5	6	7	8	9	10	11	12	13
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. P. P.			Rs. A. P.
Ganjám	1	1,119	104 14 6	166	251,351	11,271 6 0	122	175,680	1,029 3 0	289	428,150	12,405 7 6
Vizagapatam	1	2,158	303 7 6	354	584,459	9,577 2 0	104	151,923	3,477 12 0	459	738,540	13,358 5 6
Gódávari	2	4,281	303 5 3	92	176,433	4,779 9 0	178	277,468	4,591 8 0	272	458,182	9,674 6 3
Kistna	8	14,199	504 12 0	45	66,921	2,168 10 0	105	154,209	5,075 4 0	158	235,329	7,748 10 0
Nellore	..	..	..	5	8,246	..	..	..	..	5	8,246	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	..	..	..	134	226,362	5,546 7 6	63	107,273	1,128 11 0	197	333,635	6,675 2 6
Tanjore	3	2,332	260 2 6	140	233,823	5,418 15 0	109	146,038	10,144 4 6	252	382,193	15,823 6 0
Madura	17	8,254	11 0 3	41	21,017	141 6 0	132	59,470	1,330 5 0	190	88,741	1,482 11 3
Tinnevelly	..	..	..	488	387,162	29,696 10 0	..	..	..	488	387,162	29,696 10 0
Total ..	32	32,343	1,487 10 0	1,465	1,955,774	68,600 1 6	813	1,072,061	26,776 15 6	2,310	3,060,178	96,864 11 0
Western Group.												
Malabar	1	2,870	..	585	1,093,354	52,454 3 0	184	346,614	7,950 1 0	770	1,442,838	60,404 4 0
South Canara	11	424	..	8	12,803	394 8 0	540	379,262	6,099 6 10	559	392,489	6,493 14 10
Total ..	12	3,294	..	593	1,106,157	52,848 11 0	724	725,876	14,049 7 10	1,329	1,835,327	66,898 2 10
Madras	2	3,394	473 6 0	328	558,225	35,960 0 6	..	..	..	330	561,619	36,433 6 6
Grand Total ..	46	39,031	1,961 0 0	2,386	3,620,156	1,57,408 13 0	1,537	1,797,937	40,826 7 4	3,969	5,457,124	2,00,196 4 4

APPENDIX B—*cont.*

Districts.	British vessels—*cont.* Coasting steamers—*cont.* Left. In ballast. Vessels.	Tonnage.	Dues.	With cargo. Vessels.	Tonnage.	Dues.	With passengers. Vessels.	Tonnage.	Dues.	Total. Vessels.	Tonnage.	Dues.
	14	15	16	17	18	19	20	21	22	23	24	25
Eastern Group.			Rs A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	..	..	..	163	248,141	..	126	180,609	..	289	428,150	..
Vizagapatam	2	2,337	..	353	584,280	..	104	151,923	..	459	738,540	..
Gódávari	..	..	..	91	175,268	..	179	279,047	..	270	454,315	..
Kistna	34	49,568	..	26	43,492	..	98	142,269	..	158	235,329	..
Nellore	..	..	..	5	8,246	..	..	..	..	5	8,246	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	..	..	..	158	269,314	..	39	64,321	..	197	333,635	..
Tanjore	4	4,546	..	157	252,825	..	92	124,994	..	253	382,365	..
Madura	31	15,982	..	33	17,076	184 2 0	126	55,683	..	190	88,741	184 2 0
Tinnevelly	..	..	..	489	387,663	..	..	..	..	489	387,663	..
Total ..	71	72,433	..	1,475	1,986,305	184 2 0	764	998,246	..	2,310	3,056,984	184 2 0
Western Group.												
Malabar	73	139,801	..	512	976,623	..	186	327,438	..	771	1,443,862	..
South Canara	10	108	..	9	13,119	..	540	379,262	..	559	392,489	..
Total ..	83	139,909	..	521	989,742	..	726	706,700	..	1,330	1,836,351	..
Madras	55	99,547	..	275	462,088	..	..	..	..	330	561,635	..
Grand Total ..	209	311,889	..	2,271	3,438,135	184 2 0	1,490	1,704,946	..	3,970	5,454,970	184 2 0

APPENDIX B—*cont.*

British vessels—*cont.*

Other vessels (excluding coasting steamers).

Arrived.

Districts.	In ballast.			With cargo.			With passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	26	27	28	29	30	31	32	33	34	35	36	37
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	..	..	..	3	4,559	500 11 0	..	..	..	3	4,559	500 11 0
Vizagapatam	31	49,679	4,587 12 9	32	53,615	4,806 7 0	..	..	..	63	103,294	9,394 3 9
Gódávari	16	20,335	2,860 11 9	26	41,140	6,299 14 6	2	3,506	511 0 6	44	64,981	9,671 10 9
Kistna	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	3	5,387	505 0 6	4	8,487	1,060 14 0	25	40,147	962 11 6	32	54,021	2,528 10 0
Tanjore	..	..	..	3	5,057	..	49	78,299	3,129 13 0	52	83,356	3,129 13 0
Madura	..	..	..	23	5,844	287 12 6	4	568	13 2 9	27	6,412	300 15 3
Tinnevelly	6	4,824	452 4 0	22	42,763	5,099 12 6	..	..	..	28	47,587	5,552 0 6
Total ..	56	80,225	8,405 13 0	113	1,61,465	18,055 7 6	80	122,520	4,616 11 9	249	364,210	31,078 0 3
Western Group.												
Malabar	1	65	3 0 9	56	52,079	3,099 0 0	15	31,819	1,234 15 0	72	83,963	4,336 15 9
South Canara	2	184	4 9 6	2	210	13 2 0	1	316	59 4 0	5	710	76 15 6
Total ..	3	249	7 10 3	58	52,289	3,112 2 0	16	32,135	1,294 3 0	77	84,673	4,413 15 3
Madras	6	10,859	1,213 10 3	230	507,012	66,903 1 9	..	..	..	236	517,871	68,116 12 0
Grand Total ..	65	91,333	9,627 1 6	401	720,766	88,070 11 3	96	154,655	5,910 14 9	562	966,754	103,608 11 6

APPENDIX B—*cont.*

British vessels—*cont.*

Other vessels (excluding coasting steamers)—*cont.*

Left.

Districts.	In ballast.			With cargo.			With passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	38	39	40	41	42	43	44	45	46	47	48	49
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	..	..	..	3	4,559	..	..	..	..	3	4,559	..
Vizagapatam	3	5,258	..	60	97,629	..	..	..	..	63	102,887	..
Gódávari	..	..	..	46	68,181	..	2	3,506	..	48	71,687	..
Kistna	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	1	1,447	..	6	12,427	..	25	40,147	..	32	54,021	..
Tanjore	..	..	..	5	8,087	..	48	76,849	..	53	84,936	..
Madura	..	..	..	3	484	..	..	..	..	26	5,924	..
Tinnevelly	23	5,440	..	28	47,587	..	..	..	..	28	47,587	..
Total ..	27	12,145	..	151	238,954	..	75	120,502	..	253	371,601	..
Western Group.												
Malabar	6	1,037	..	48	53,508	..	17	27,803	..	71	82,348	..
South Canara	1	98	..	7	604	..	..	..	..	8	702	..
Total ..	7	1,135	..	55	54,112	..	17	27,803	..	79	83,050	..
Madras	51	107,390	..	186	410,699	..	..	..	..	237	518,089	..
Grand Total ..	85	120,670	..	392	703,765	..	92	148,305	..	569	972,740	..

APPENDIX B—*cont.*

Districts.	Foreign vessels. — Arrived. In ballast. Vessels.	Tonnage.	Dues.	With cargo. Vessels.	Tonnage.	Dues.	With passengers. Vessels.	Tonnage.	Dues.	Total. Vessels.	Tonnage.	Dues.
	50	51	52	53	54	55	56	57	58	59	60	61
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	1	2,136	300 6 0	..	..	..	..	..	..	1	2,136	300 6 0
Vizagapatam	1	2,465	231 1 6	1	2,136	200 4 0	..	..	..	2	4,601	431 5 6
Gódávari	2	2,521	354 8 3	6	9,293	1,110 13 6	3	7,082	1,327 14 0	11	18,896	2,793 3 9
Kistna	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	1	1,507	141 4 6	..	..	..	..	..	..	..	..	..
Tanjore	..	..	..	2	3,369	631 11 0	..	..	..	1	1,507	141 4 6
Madura	..	..	..	..	..	..	..	..	..	2	3,369	631 11 0
Tinnevelly	2	1,916	179 10 0	6	12,175	1,527 14 0	..	..	..	..	..	..
Total ..	7	10,545	1,206 14 3	15	26,973	3,470 10 6	3	7,082	1,327 14 0	8	14,091	1,707 8 0
Western Group.												
Malabar	54	10,572	791 9 8	200	85,626	8,620 1 1	6	6,536	643 14 0	260	102,734	10,055 8 9
South Canara	410	5,536	112 3 6	344	10,747	833 13 1	20	326	10 6 0	774	16,609	956 6 7
Total ..	464	16,108	903 13 2	544	96,373	9,453 14 2	26	6,862	654 4 0	1,034	119,343	11,011 15 4
Madras	1	1,789	188 10 11	90	134,823	14,407 12 6	..	..	..	91	136,612	14,596 7 5
Grand Total ..	472	28,442	2,299 6 4	649	258,169	27,332 5 2	29	13,944	1,982 2 0	1,150	300,555	31,613 13 6

APPENDIX B—*cont.*

Districts.	Foreign vessels—*cont.* — Left. In ballast. Vessels.	Tonnage.	Dues.	With cargo. Vessels.	Tonnage.	Dues.	With passengers. Vessels.	Tonnage.	Dues.	Total. Vessels.	Tonnage.	Dues.
	62	63	64	65	66	67	68	69	70	71	72	73
Eastern Group.			Rs.			Rs.			Rs.			Rs.
Ganjám	..	..	..	1	2,136	..	..	..	..	1	2,136	..
Vizagapatam	..	..	..	2	4,601	..	..	..	..	2	4,601	..
Gódávari	..	..	..	8	11,314	..	2	4,296	..	10	16,110	..
Kistna	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	..	..	..	1	1,507	..	..	..	..	1	1,507	..
Tanjore	..	..	..	2	3,369	..	..	..	..	2	3,369	..
Madura	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly	..	..	..	7	12,060	..	..	..	..	7	12,060	..
Total ..	..	..	..	21	35,487	..	2	4,296	..	23	39,783	..
Western Group.												
Malabar	27	3,730	..	226	92,289	..	4	3,317	..	257	99,336	..
South Canara	244	2,983	..	537	13,797	..	7	155	..	788	16,935	..
Total ..	271	6,713	..	763	106,086	..	11	3,472	..	1,045	116,271	..
Madras	4	6,194	..	86	130,469	..	..	..	..	90	136,663	..
Grand Total ..	275	12,907	..	870	272,042	..	13	7,768	..	1,158	292,717	..

APPENDIX B—*cont.*

Native craft.

Arrived.

Districts.	In ballast.			With cargo.			With passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	74	75	76	77	78	79	80	81	82	83	84	85
			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Eastern Group.												
Ganjám	2	377	17 10 9	2	396	24 12 0	..	..	..	4	773	42 6 9
Vizagapatam	1	147	4 9 6	1	115	3 9 6	..	..	..	2	262	8 3 0
Gódávari	93	15,149	636 12 9	62	9,361	532 5 6	4	928	58 0 0	159	25,438	1,227 2 3
Kistna	226	20,802	680 15 5	238	10,545	396 6 5	..	..	..	464	31,347	1,077 5 10
Nellore	1	44	..	23	895	34 9 0	..	..	..	24	939	34 9 0
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	69	5,905	166 5 9	..	3,243	129 1 3	..	..	..	186	17,062	606 15 3
Tanjore	336	20,407	626 10 10	33	40,049	1,514 5 2	84	7,914	311 8 3	1,197	87,004	2,948 15 3
Madura	1,402	36,654	456 12 8	406	27,992	1,313 6 9	455	26,548	807 15 3	3,409	85,299	1,948 3 2
Tinnevelly	418	10,679	143 1 11	675	80,197	2,527 0 3	1,332	20,653	177 15 9	2,431	94,722	2,750 13 11
				1,875			138	3,846	80 11 9			
Total ..	2,548	110,164	2,732 15 7	3,315	172,793	6,475 7 10	2,013	59,889	1,436 3 0	7,876	342,846	10,644 10 5
Western Group.												
Malabar	2,298	90,582	3,128 4 5	5,284	202,916	8,185 11 1	311	13,803	824 0 7	7,893	307,301	12,138 0 1
South Canara	1,726	28,168	509 9 5	2,744	57,190	1,778 4 11	598	11,467	153 6 9	5,068	96,825	2,441 5 1
Total ..	4,024	118,750	3,637 13 10	8,028	260,106	9,964 0 0	909	25,270	977 7 4	12,961	404,126	14,579 5 2
Madras	6	713	43 1 8	79	8,611	575 10 0	..	..	..	85	9,324	618 11 8
Grand Total ..	6,578	229,627	6,413 15 1	11,422	441,510	17,015 1 10	2,922	85,159	2,413 10 4	20,922	756,296	25,842 11 3

APPENDIX B—*cont.*

Native craft—*cont.*

Left.

Districts.	In ballast.			With cargo.			With passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	86	87	88	89	90	91	92	93	94	95	96	97
			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Eastern Group.												
Ganjám	..	..	..	4	773	..	..	..	..	4	773	..
Vizagapatam	1	147	..	1	115	..	..	..	..	2	262	..
Gódávari	20	2,524	..	123	20,619	..	..	..	..	143	23,143	..
Kistna	39	1,509	..	433	29,452	..	..	..	..	472	30,961	..
Nellore	8	165	..	16	774	2 12 0	..	..	..	24	939	2 12 0
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	22	2,802	..	46	4,405	..	..	..	..	191	16,565	..
Tanjore	178	14,707	..	616	56,174	50 7 0	123	9,358	31 3 6	1,201	85,643	81 10 6
Madura	1,080	34,386	300 5 9	890	29,949	113 4 9	407	14,762	22 3 0	3,398	84,934	435 13 6
Tinnevelly	985	34,845	..	1,305	54,359	..	1,428	20,599	..	2,439	93,758	..
							149	4,554				
Total ..	2,333	91,085	300 5 9	3,434	196,620	166 7 9	2,107	49,273	53 6 6	7,874	336,978	520 4 0
Western Group.												
Malabar	1,687	58,639	..	6,063	246,942	..	259	9,481	..	8,009	315,062	..
South Canara	989	18,215	..	3,288	64,730	..	791	14,057	..	5,068	97,002	..
Total ..	2,676	76,854	..	9,351	311,672	..	1,050	23,538	..	13,077	412,064	..
Madras	42	4,488	..	39	4,162	..	..	..	..	81	8,650	..
Grand Total ..	5,051	172,427	300 5 9	12,824	512,454	166 7 9	3,157	72,811	53 6 6	21,032	757,692	520 4 0

APPENDIX B—*cont.*

Districts.	Total. — Arrived. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Dues.	Total. Vessels.	Total. Tonnage.	Total. Dues.
	98	99	100	101	102	103	104	105	106	107	108	109
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	4	3,632	422 15 3	171	256,306	11,796 13 0	122	175,680	1,029 3 0	297	435,618	13,248 15 3
Vizagapatam	34	54,449	5,126 15 3	388	640,325	14,587 6 6	104	151,923	3,477 12 0	526	846,697	23,192 1 9
Gódávari	113	42,286	4,155 6 0	186	236,227	12,722 10 6	187	288,984	6,488 6 6	486	567,497	23,366 7 0
Kistna	234	35,091	1,185 11 5	283	77,466	2,565 0 5	105	184,209	5,075 4 0	622	266,676	8,825 15 10
Nellore	1	44	..	28	9,141	34 9 0	..	..	..	29	9,185	34 9 0
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	73	12,799	812 10 9	171	238,092	6,736 6 9	172	155,334	2,402 14 9	416	406,225	9,952 0 3
Tanjore	339	22,739	886 13 4	551	282,298	7,564 15 2	613	250,885	14,082 0 9	1,503	555,922	22,533 13 3
Madura	1,419	44,908	467 12 11	739	54,853	1,742 9 3	1,468	80,691	1,521 7 6	3,626	180,452	3,731 13 8
Tinnevelly	426	17,419	774 15 11	2,391	522,297	38,851 4 9	138	3,846	80 11 9	2,955	543,562	39,707 0 5
Total ..	2,643	233,277	13,833 4 10	4,908	2,317,005	96,601 11 4	2,909	1,261,552	34,157 12 3	10,460	3,811,834	1,44,592 12 5
Western Group.												
Malabar	2,354	104,089	3,922 14 10	6,125	1,433,975	72,358 15 2	516	398,772	10,652 14 7	8,995	1,936,836	86,934 12 7
South Canara	2,149	34,312	626 6 5	3,098	80,950	3,019 12 0	1,159	391,371	6,322 7 7	6,406	506,633	9,968 10 0
Total ..	4,503	138,401	4,549 5 3	9,223	1,514,925	75,378 11 2	1,675	790,143	16,975 6 2	15,401	2,443,469	96,903 6 7
Madras	14	16,755	1,918 12 10	727	1,208,671	1,17,846 8 9	..	..	..	742	1,225,426	1,19,765 5 7
Grand Total ..	7,161	388,433	20,301 6 11	14,858	5,040,601	2,89,826 15 3	4,584	2,051,695	51,153 2 5	26,603	7,480,729	3,61,261 8 7

APPENDIX B—*cont.*

Districts.	Total—*cont.* — Left. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Dues.	Total. Vessels.	Total. Tonnage.	Total. Dues.
	110	111	112	113	114	115	116	117	118	119	120	121
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	..	..	..	171	255,609	..	126	180,009	..	297	435,618	..
Vizagapatam	6	7,742	..	416	686,625	..	104	151,923	..	526	846,290	..
Gódávari	20	2,524	..	268	275,882	..	183	286,849	..	471	565,255	..
Kistna	73	51,077	..	459	72,944	..	98	142,269	..	630	266,290	..
Nellore	8	165	..	21	9,020	2 12 0	..	..	..	29	9,185	2 12 0
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	23	4,249	..	211	287,653	..	187	113,826	..	421	405,728	..
Tanjore	182	19,253	..	780	320,455	50 7 0	547	216,605	31 3 6	1,509	556,313	81 10 6
Madura	1,134	55,808	300 5 9	926	47,509	297 6 9	1,554	76,282	22 3 0	3,614	179,599	619 15 6
Tinnevelly	985	34,845	..	1,829	501,669	..	149	4,554	..	2,963	541,068	..
Total ..	2,431	175,663	300 5 9	5,081	2,457,366	350 9 9	2,948	1,172,317	53 6 6	10,460	3,805,346	704 6 0
Western Group.												
Malabar	1,793	203,207	..	6,849	1,369,362	..	466	368,039	..	9,108	1,940,608	..
South Canara	1,244	21,404	..	3,841	92,250	..	1,338	393,474	..	6,423	507,128	..
Total ..	3,037	224,611	..	10,690	1,461,612	..	1,804	761,513	..	15,531	2,447,736	..
Madras	152	217,619	..	586	1,007,418	..	..	..	..	738	1,225,037	..
Grand Total ..	5,620	617,893	300 5 9	16,357	4,926,396	350 9 9	4,752	1,933,830	53 6 6	26,729	7,478,119	704 6 0

Abstract of Appendix B.

	1895–96. Madras.		Eastern Group.		Western Group.		Total.		1894–95.		1893–94.	
	NUMBER.	TONNAGE.	NUMBER.	TONNAGE.	NUMBER.	TONNAGE.	NUMBER.	TONNAGE.	NUMBER.	TONNAGE.	NUMBER.	TONNAGE.
Class of Vessels.												
British .. .. Coasting steamers ..	330	561,619	2,310	3,060,178	1,329	1,835,327	3,969	5,457,124	4,155	5,526,310	3,842	5,603,480
British .. .. Other vessels ..	236	517,871	249	364,210	77	84,673	562	966,754	525	879,572	494	852,622
Foreign vessels	91	136,612	25	44,600	1,034	119,343	1,150	300,555	828	278,619	719	227,613
Native do.	85	9,324	7,876	342,846	12,961	404,126	20,922	756,296	20,253	709,905	19,778	692,658
Total ..	742	1,225,426	10,460	3,811,834	15,401	2,443,469	26,603	7,480,729	25,761	7,394,406	24,833	7,376,373
Dues collected.	Rs.		Rs.		Rs.		Rs.		Rs.		Rs.	
British .. .. Coasting steamers ..	36,433		97,049		66,898		2,00,380		1,97,381		1,97,585	
British .. .. Other vessels ..	68,117		31,078		4,414		1,03,609		96,282		91,788	
Foreign vessels	14,597		6,005		11,012		31,614		27,154		24,520	
Native do.	618		11,165		14,530		26,363		24,351		23,087	
Total ..	1,19,765		1,45,297		96,904		3,61,966		3,45,118		3,36,980	

APPENDIX C.

Statement showing the financial position of the Port and Marine Funds of the Madras Presidency on the 31st March 1896.

Funds.	Balance on the 1st April 1895. Cash.	Government securities.	Loans, *i.e.*, sums lent +, sums borrowed —.	Total.	Transactions during 1895–96. Receipts. Cash.	Government securities.	Loans repaid.	Total.
1	2	3	4	5	6	7	8	9
	Rs. A. P.	Rs.	Rs.	Rs. A. P.	Rs. A. P.	Rs.	Rs.	Rs. A. P.
Act X of 1889. *Port Funds.*								
Ganjám	348 9 8	..	— 1,89,400	— 1,89,051 6 4	15,994 13 5	..	..	15,994 13 5
Vizagapatam	8,906 7 9	1,03,000	..	1,11,906 7 9	40,582 0 6	..	..	40,582 0 6
Gódávari	9,147 14 2	17,000	..	26,147 14 2	30,794 7 11	..	..	30,794 7 11
Kistna	— 6,105 0 7	..	— 4,000	— 10,105 0 7	10,803 14 1	..	..	10,803 14 1
Nellore	1,765 2 1	10,000	..	11,765 2 1	856 11 7	..	..	856 11 7
Chingleput	874 13 8	7,000	..	7,874 13 8	655 11 9	..	..	655 11 9
South Arcot	5,672 0 2	21,000	..	26,672 0 2	17,122 12 3	..	..	17,122 12 3
Tanjore	2,910 10 10	..	— 7,000	— 4,089 5 2	22,556 11 3	..	..	22,556 11 3
Madura	— 8,006 1 10	..	..	— 8,006 1 10	8,405 15 0	..	..	8,405 15 0
Tinnevelly	69,417 4 3	43,000	..	1,12,417 4 3	48,079 2 9	..	..	48,079 2 9
Total, Eastern Group ..	84,931 12 2	2,01,000	— 2,00,400	85,531 12 2	1,95,852 4 6	..	..	1,95,852 4 6
Malabar	56,796 15 6	2,40,000	+ 16,500	3,13,296 15 6	96,595 6 6	..	..	96,595 6 6
South Canara	11,451 11 3	44,000	..	55,451 11 3	21,284 3 8	..	..	21,284 3 8
Total, Western Group ..	68,248 10 9	2,84,000	+ 16,500	3,68,748 10 9	1,17,879 10 2	..	..	1,17,879 10 2
Madras	44,075 3 7	33,900	+ 2,00,400	2,78,375 3 7	1,26,199 7 4	..	..	1,26,199 7 4
Grand Total ..	1,97,255 10 6	5,18,900	+ 16,500	7,32,655 10 6	4,39,931 6 0	..	..	4,39,931 6 0
Act X of 1889. *Pilotage Funds.*								
Madras	213 1 5	50,000	..	50,213 1 5	31,610 11 10	..	..	31,610 11 10
Pámban and Kilakarai	— 5,410 10 5	..	..	— 5,410 10 5	12,798 9 8	..	..	12,798 9 8
Cochin	— 1,607 9 8	12,000	..	13,607 9 8	3,305 7 2	..	..	3,305 7 2
Mangalore	— 15 15 7	..	..	— 15 15 7	309 8 0	..	..	309 8 0
Total ..	— 3,605 14 11	62,000	..	58,394 1 1	48,024 4 8	..	..	48,024 4 8
Act III of 1885. *Landing and Shipping Dues.*								
Vizagapatam	16,607 3 4	..	..	16,607 3 4	10,596 14 3	..	..	10,596 14 3
Cocanada	59,621 15 4	..	— 16,500	43,121 15 4	41,199 10 3	..	..	41,199 10 3
Masulipatam	3,333 12 5	5,000	..	8,333 12 5	3,045 1 0	..	..	3,045 1 0
Negapatam	48,058 8 4	..	..	48,058 8 4	8,644 12 0	..	..	8,644 12 0
Mangalore	15,928 10 10	..	..	15,928 10 10	8,614 9 5	..	..	8,614 9 5
Total ..	1,43,550 2 3	5,000	— 16,500	1,32,050 2 3	72,100 14 11	..	..	72,100 14 11
Grand Total, Act X of 1889 and III of 1885 ..	3,37,199 13 10	5,85,900	..	9,23,099 13 10	5,60,056 9 7	..	..	5,60,056 9 7

he Madras Presidency on the 31st March 1896—*cont.*

tween nd (13).	Balance on 31st March 1896. Cash.	Government securities.	Loans, *i.e.*, sums lent +, sums borrowed—.	Total (5) + (14).
	15	16	17	18
P.	Rs. A. P.	Rs.	Rs.	Rs. A. P.
6	— 5,070 2 10	..	— 1,89,400	— 1,94,470 2 10
6	9,221 5 3	1,03,000	..	1,12,221 5 3
10	9,288 8 0	17,000	..	26,288 8 0
4	— 14,378 6 11	..	— 4,000	— 18,378 6 11
5	2,295 1 6	10,000	..	12,295 1 6
9	1,530 9 5	7,000	..	8,530 9 5
11	4,002 2 3	21,000	..	25,002 2 3
5	— 4,201 9 7	..	— 7,000	— 11,201 9 7
0	— 15,566 5 10	..	..	— 15,566 5 10
11	24,783 9 4	'43,000	..	67,783 9 4
7	11,904 10 7	2,01,000	— 2,00,400	12,504 10 7
7	58,485 0 1	2,40,000	+ 16,500	3,14,985 0 1
6	8,179 5 9	44,000	..	52,179 5 9
11	66,664 5 10	2,84,000	+ 16,500	3,67,164 5 10
0 } 0 }	79,181 8 7	..	+ 2,00,400	2,79,581 8 7
6	1,57,750 9 0	4,85,000	+ 16,500	6,59,250 9 0
4	— 1,850 5 11	50,000	..	48,149 10 1
3	5,356 1 10	..	..	5,356 1 10
2	2,740 8 10	12,000	..	14,740 8 10
0	— 28 7 7	..	..	— 28 7 7
	6,217 13 2	62,000	..	68,217 13 2
	26,431 14 1	..	..	26,431 14 1
	47,698 12 4	..	— 16,500	31,198 12 4
	4,362 8 3	5,000	..	9,362 8 3
	47,689 8 6	..	..	47,689 8 6
	17,983 1 6	..	..	17,983 1 6
	1,44,165 12 8	5,000	— 16,500	1,32,665 12 8
	3,08,134 2 10	5,52,000	..	8,60,134 2 10

r Act X of 1889) for the official year 1895–96, revised in accordance , dated 27th January 1890.

Vo.ks ts.	Fees.	Interest.	Repayment of loans, advances, contributions and investments.	Provincial contributions.	Total.
. P.	Rs. A. P.	Rs. A. P.			Rs. A. P.
	1,283 12 5	..	..	..	15,994 13 5
	2,628 0 4	3,595 15 10	..	..	40,582 0 6
9 10	1,500 10 8	593 8 2	..	..	30,794 7 11
	2,066 5 3	..	..	..	10,803 14 1
	5 0 0	349 2 0	..	..	856 11 7
	..	244 6 2	..	..	655 11 9
	3,957 4 10	..	..	..	1,26,199 7 4
	753 3 5	733 2 6	..	..	17,122 12 3
	3,333 10 6	..	..	..	22,556 11 3
	1,512 9 7	..	..	..	8,405 15 0
	2,596 6 3	1,501 3 10	..	..	48,079 2 9
9 10	19,636 15 3	7,017 6 6	..	..	3,22,051 11 10
	5,278 3 7	8,379 0 0	..	..	96,595 6 6
	1,540 11 2	1,536 2 4	..	..	21,284 3 8
	6,818 14 9	9,915 2 4	..	..	1,17,879 10 2
9 10	26,455 14 0	16,932 8 10	..	..	4,39,931 6 6

APPENDIX C (i-*a*).

STATEMENT showing the actual receipts of the Maritime Districts in the Madras Presidency (under Act X of 1889) for the official year 1895–96.

Districts.	Coasting Steamers' dues.	Other Port dues.	General Administration receipts.	Miscellaneous receipts.	Public Works receipts.	Fees.	Interest.	Repayment of loans, advances, contributions and investments.	Provincial contributions.	Total.
										Rs. A. P.
Eastern Group.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Ganjám	12,405 7 6	843 7 9	..	361 14 0	..	1,283 12 5	..	..	..	14,894 9 8
Vizagapatam	13,358 5 6	9,653 0 3	..	1,405 4 2	..	2,628 0 4	3,595 15 10	..	..	30,640 10 1
Gódávari	9,674 6 3	13,692 0 9	..	45 6 9	506 9 10	1,500 10 8	593 8 2	..	..	26,012 10 5
Kistna	7,748 10 0	1,077 5 10	..	236 0 7	..	2,066 5 3	..	..	..	11,128 5 8
Nellore	..	38 10 0	..	203 13 4	..	5 0 0	349 2 0	..	..	596 9 4
Chingleput	..	..	..	411 5 7	..	..	244 6 2	..	..	655 11 9
Madras	36,433 6 6	83,231 15 1	236 0 0	2,438 2 4	..	3,957 4 10	..	..	..	1,26,396 12 9
South Arcot	6,059 5 6	3,276 13 9	..	1,833 2 4	..	753 3 5	733 2 6	..	..	12,655 11 6
Tanjore	15,823 6 0	6,692 2 0	..	469 10 2	..	3,333 10 6	..	..	..	26,318 12 8
Madura	1,666 13 3	2,764 9 6	..	1,326 10 0	..	1,512 9 7	..	..	..	7,270 10 4
Tinnevelly	29,696 10 0	10,051 11 8	..	21,712 5 4	..	2,596 6 3	1,501 3 10	..	..	65,558 5 1
Total ..	1,32,866 6 6	1,31,421 12 7	236 0 0	30,443 10 7	506 9 10	19,636 15 3	7,017 6 6	..	..	3,22,128 13 3
Western Group.										
Malabar	60,404 4 0	26,530 8 7	..	3,754 11 2	..	5,278 3 7	8,379 0 0	..	..	1,04,346 11 4
South Canara	6,493 14 10	3,497 14 2	..	387 2 11	..	1,540 11 2	1,536 2 4	..	..	13,455 13 5
Total ..	66,898 2 10	30,028 6 9	..	4,141 14 1	..	6,818 14 9	9,915 2 4	..	..	1,17,802 8 9
Grand Total ..	*1,99,764 9 4	1,61,450 3 4	236 0 0	34,585 8 8	506 9 10	26,455 14 0	16,932 8 10	..	..	4,39,931 6 0

	Rs. A. P.	Rs. A. P.
* Total of Coasting Steamers' dues as per abstract statement in appendix B		2,00,380 6 4
Deduct—	Rs. A. P.	
Refund of Coasting Steamers' dues, Eastern group	615 13 0	
Do. do. Western group	..	
		615 13 0
Total ..		1,99,764 9 4

APPENDIX C (ii).

STATEMENT showing the charges of the Maritime Districts of the Madras Presidency (under Act X of 1889) for the official year 1895–96 revised in accordance with the rules published in G.O., No. 24, Marine, dated 27th January 1890.

Districts.	Share of General Administration charges.	Share of lighthouse charges.	Establishment.		Contingencies and miscellaneous.	Public Works charges.	Fees.	Interest.	Contributions and investments.	Total.
			Port officers and Conservators.	Other establishments.						Rs. A. P.
Eastern Group.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Ganjám	11,443 7 6	3,209 12 2	3,188 2 3	1,348 3 7	1,783 7 4	..	440 9 1	..	..	21,413 9 11
Vizagapatam	22,242 4 11	6,238 11 4	5,906 9 9	2,184 0 0	2,115 6 0	223 8 0	1,356 11 0	..	..	40,267 3 0
Gódávari	14,907 13 9	4,181 4 7	5,711 3 5	2,368 15 0	2,111 3 3	781 2 9	592 3 4	..	..	30,653 14 1
Kistna	7,005 7 1	1,964 15 2	3,042 9 3	661 10 9	2,263 12 6	3,172 9 11	966 3 9	..	..	19,077 4 5
Nellore	241 4 7	67 10 10	..	..	17 12 9	..	..	..	..	326 12 2
Chingleput	..	..	..	..	..	..	..	..	..	..
Madras	32,191 5 3	9,029 7 11	11,527 9 9	14,752 7 1	22,748 6 5	97 14 0	745 15 11	..	..	91,093 2 4
South Arcot	10,671 5 3	2,993 2 11	720 0 0	1,748 12 10	2,193 0 11	187 0 0	279 4 3	..	..	18,792 10 2
Tanjore	14,603 12 8	4,096 3 1	5,767 3 9	1,674 11 5	2,228 13 4	219 2 11	1,079 0 6	..	..	29,668 15 8
Madura	4,740 6 2	1,329 10 0	2,606 10 5	491 5 2	1,889 12 2	4,791 1 6	117 5 7	..	..	15,966 3 0
Tinnevelly	14,279 1 7	4,005 2 0	4,553 6 0	2,774 12 9	6,990 6 3	58,902 14 10	1,207 2 3	..	..	92,712 13 8
Total ..	1,32,326 4 9	37,116 0 0	43,023 6 7	28,004 14 7	44,342 0 11	68,375 5 11	6,784 7 8	..	..	3,59,972 8 5
Western Group.										
Malabar	50,879 11 4	7,118 13 10	17,592 15 11	6,084 11 2	5,092 14 2	5,848 2 0	2,290 1 6	..	..	94,907 5 11
South Canara	13,308 15 11	1,862 2 2	4,017 14 9	1,404 0 0	781 3 9	2,840 5 9	341 14 10	..	..	24,556 9 2
Total ..	64,188 11 3	8,981 0 0	21,610 14 8	7,488 11 2	5,874 1 11	8,688 7 9	2,632 0 4	..	..	1,19,463 15 1
Grand Total ..	1,96,515 0 0	46,097 0 0	64,634 5 3	35,493 9 9	50,216 2 10	77,063 13 8	9,416 8 0	..	..	4,79,436 7 6

APPENDIX C (ii-*a*).

STATEMENT showing the actual charges of the Maritime Districts in the Madras Presidency (under Act X of 1889) for the official year 1895–96.

Districts.	General charges.	Lighthouse charges.	Establishment. Port officers and Conservators.	Establishment. Other establishments.	Contingencies and miscellaneous.	Public Works charges.	Fees.	Interest.	Contributions and investments.	Total.
Eastern Group.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.			RS. A. P.
Ganjám	136 0 0	6,348 6 10	3,188 2 3	1,348 3 7	1,783 7 4	..	440 9 1	..	..	13,244 13 1
Vizagapatam	997 7 0	3,012 9 10	5,906 9 9	2,184 0 0	2,115 6 0	223 8 0	1,356 11 0	..	..	15,796 3 7
Gódávari	660 0 0	6,028 11 9	5,711 3 5	2,368 15 0	2,111 3 3	781 2 9	592 3 4	..	..	18,253 7 6
Kistna	103 8 0	2,285 7 3	3,042 9 3	661 10 9	2,263 12 6	3,172 9 11	966 3 9	..	..	12,495 13 5
Nellore	..	2,413 5 4	..	..	17 12 9	..	..	..	..	2,431 2 1
Chingleput	..	3,925 0 2	..	..	..	..	..	..	..	3,925 0 2
Madras	66,313 15 0	3,524 5 1	11,527 9 9	14,752 7 1	22,748 6 5	97 14 0	745 15 11	..	..	1,19,710 9 3
South Arcot	158 9 5	564 9 4	720 0 0	1,748 12 10	2,193 0 11	187 0 0	279 4 3	..	..	5,851 4 9
Tanjore	96 0 0	1,215 2 0	5,767 3 9	1,674 11 5	2,228 13 4	219 2 11	1,079 0 6	..	..	12,280 1 11
Madura	1,26,331 4 9	1,333 0 3	2,606 10 5	491 5 2	1,889 12 2	4,791 1 6	117 5 7	..	..	1,37,560 7 10
Tinnevelly	94 3 10	6,465 6 2	4,553 6 0	2,774 12 9	6,990 6 3	58,902 14 10	1,207 2 3	..	..	80,988 4 1
Total ..	1,94,891 0 0	37,116 0 0	43,023 6 7	28,004 14 7	44,342 0 11	68,375 5 11	6,784 7 8	..	..	4,22,537 3 8
Western Group.										
Malabar	1,584 0 0	3,280 7 11	17,592 15 11	6,084 11 2	5,092 14 2	5,848 2 0	2,290 1 6	..	..	41,773 4 8
South Canara	40 0 0	5,700 8 1	4,017 14 9	1,404 0 0	781 3 9	2,840 5 9	341 14 10	..	..	15,125 15 2
Total ..	1,624 0 0	8,981 0 0	21,610 14 8	7,488 11 2	5,874 1 11	8,688 7 9	2,632 0 4	..	..	56,899 3 10
Grand Total ..	1,96,515 0 0	46,097 0 0	64,634 5 3	35,493 9 9	50,216 2 10	77,063 13 8	9,416 8 0	..	..	4,79,436 7 6

APPENDIX C (iii).

STATEMENT showing particulars of General Receipts and Charges of the Maritime Districts in the Madras Presidency (under Act X of 1889) for the official year 1895–96.

Districts.	Receipts. Survey and registration of vessels.	Receipts. Sale of surplus stores.	Receipts. Total.	Charges. Officers of the Administrative Department.	Charges. Presidency Port Office establishment.	Charges. Contingencies.	Charges. Travelling allowance of Officers of the Administrative Department.	Charges. Leave allowance of Port Officers.	Charges. Miscellaneous.	Charges. Pensions and gratuities.	Charges. Total.
	RS. A. P.		RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Ganjám	..	..	..	..	..	..	63 0 0	..	(*b*) 73 0 0	..	136 0 0
Vizagapatam	..	..	..	..	..	..	..	..	..	997 7 0	997 7 0
Gódávari	..	..	..	..	..	..	..	..	..	660 0 0	660 0 0
Kistna	..	..	..	..	..	..	..	..	(*b*) 55 8 0	48 0 0	103 8 0
Nellore	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..
Madras — General charges	..	..	..	..	..	..	..	2,006 10 0	(*b*) 5,431 5 7	16,924 4 9	24,362 4 4
Madras — Presidency Port office ..	236 0 0	..	236 0 0	22,525 9 3	11,138 11 7	2,596 0 6	1,978 1 0	..	(*a*) 3,713 4 4	..	41,951 10 8
South Arcot	..	..	..	..	..	..	..	..	..	158 9 5	158 9 5
Tanjore	..	..	..	..	..	..	..	..	..	96 0 0	96 0 0
Madura	..	..	..	..	..	..	..	..	(*c*) 1,26,289 0 9	42 4 0	1,26,331 4 9
Tinnevelly	..	..	..	66 13 1	..	..	..	..	..	27 6 9	94 3 10
Malabar	..	..	..	..	..	..	..	..	..	1,584 0 0	1,584 0 0
South Canara ..	..	..	..	..	..	..	..	..	..	40 0 0	40 0 0
Total ..	236 0 0	..	236 0 0	22,592 6 4	11,138 11 7	2,596 0 6	2,041 1 0	2,006 10 0	1,35,562 2 8	20,577 15 11	1,96,515 0 0

(*a*) This sum is made up of the following items—

	RS. A. P.
Stationery and printing charges	1,665 0 7
Rent of telephone line	182 9 3
Books and periodicals received from England for the Presidency Port Officer	546 12 9
Share of Municipal Assessment on Port office building	460 5 4
Charges incurred on account of S.S. *Margarita* in connection with the inspection tour of the Presidency Port Officer, Madras	858 8 5
Total ..	3,713 4 4

(*b*) Pay, travelling allowance, &c., paid to Mr. Ashpitel and his peon, &c., at Madras for duty on the new lighthouse scheme.

(*c*) Includes Rs. 1,12,852, Provincial contribution on account of dredger "Wenlock" debited to Port funds as per G.O., No. 586, Financial, dated 13th August 1895. The balance represents charges on account of dredger incurred during the year.

APPENDIX C (iv-*a*).

STATEMENT of fees received during 1895–96.

Districts.	Fees levied under Acts.	Overtime fees for Port Officers and Conservators.	Overtime fees for establishment.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ganjám	439 0 0	795 0 0	49 12 5	1,283 12 5
Vizagapatam	502 0 0	1,608 8 0	517 8 4	2,628 0 4
Gódávari	502 4 0	835 0 0	163 6 8	1,500 10 8
Kistna	874 0 0	1,535 0 0	157 5 3	2,566 5 3
Nellore	5 0 0	..	..	5 0 0
Chingleput	..	..	..	..
Madras	1,717 0 0	1,194 8 10	1,046 12 0	3,957 4 10
South Arcot	345 8 0	128 7 2	279 4 3	753 3 5
Tanjore	1,439 10 0	1,650 0 0	254 0 6	3,343 10 6
Madura	625 4 0	820 0 0	67 5 7	1,512 9 7
Tinnevelly	609 4 0	1,610 0 0	377 2 3	2,596 6 3
Malabar	1,320 6 0	3,423 8 0	534 5 7	5,278 5 7
South Canara	896 8 0	675 0 0	69 3 2	1,540 11 2
Total ..	8,765 12 0	14,175 0 0	3,515 2 0	26,455 14 0

APPENDIX C (iv-*b*).

STATEMENT of fees paid during 1895–96.

Districts.	Overtime fees paid to Port Officers and Conservators.	Overtime fees paid to establishment.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ganjám ..	401 4 0	39 6 1	440 9 1
Vizagapatam ..	816 12 0	539 15 0	1,356 11 0
Gódávari ..	428 12 8	163 6 8	592 3 4
Kistna ..	707 8 0	168 11 9	966 3 9
Nellore ..	..	..	..
Chingleput ..	..	745 15 11	745 15 11
Madras ..	..	279 4 3	279 4 3
South Arcot ..	825 0 0	254 0 6	1,079 0 6
Tanjore ..	50 0 0	67 5 7	117 5 7
Madura ..	830 0 0	377 2 3	1,207 2 3
Tinnevelly ..	1,737 4 0	552 13 6	2,290 1 6
Malabar ..	277 8 0	64 6 10	341 14 10
South Canara ..			
Total ..	6,164 0 8	3,252 7 4	9,416 8 0

APPENDIX C (v).

STATEMENT showing Receipts and Charges of the Marine Funds of the Madras Presidency for 1895–96.

Funds.	Receipts.	Charges.
	Rs. A. P.	Rs. A. P.
Landing and Shipping Dues Act III of 1885.		
Vizagapatam	10,596 14 4	772 3 6
Cocanada	41,189 10 3	53,122 13 3
Masulipatam	3,046 1 0	2,016 5 2
Negapatam	8,644 12 0	9,013 11 10
Mangalore	8,614 9 5	6,560 2 9
Total ..	72,100 14 11	71,485 4 6
Pilotage Funds Act X of 1889.		
Madras	31,610 11 10	33,674 3 2
Pámban and Kilakarai	12,798 9 8	2,051 13 5
Cochin	3,305 7 2	2,172 8 0
Mangalore	309 8 0	322 0 0
Total ..	48,024 4 8	38,220 8 7

APPENDIX C (vi-*a*).

PLUS AND MINUS entries to be made in Port Fund Receipts (Act X of 1889) for 1895–96 to arrive at the figures given in Appendix C (i).

1 Districts.	2 Total receipts as per monthly accounts sent to Accountant-General.	3 Other adjustments. Add.	3 Other adjustments. Deduct.	4 Net receipts as per Appendix C (i-*a*).	5 Adjustments of Coasting Steamers' dues. Add.	5 Adjustments of Coasting Steamers' dues. Deduct.	6 Adjustment of general receipts. Add.	6 Adjustment of general receipts. Deduct.	7 Net receipts as per appendix C (i).
	Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ganjám	14,894 9 8	..	..	14,894 9 8	13,491 15 4	12,405 7 6	13 11 11	..	15,994 13 5
Vizagapatam	30,640 10 1	..	..	30,640 10 1	23,273 0 6	13,358 5 6	26 11 5	..	40,582 0 6
Gódávari	26,012 10 5	..	..	26,012 10 5	14,438 5 4	9,674 6 3	17 14 5	..	30,794 7 11
Kistna	11,128 5 8	..	..	11,128 5 8	7,415 11 10	7,748 10 0	8 6 7	..	10,803 14 1
Nellore	596 9 4	..	..	596 9 4	259 13 7	..	0 4 8	..	856 11 7
Chingleput	655 11 9	..	..	655 11 9	..	..	..	..	655 11 9
Madras Port Funds (including General Administration)	1,26,396 12 9	..	..	1,26,396 12 9	36,433 6 6	36,433 6 6	38 10 7	236 0 0	1,26,199 7 4
South Arcot	13,271 8 6	..	(*a*) 615 13 0	12,655 11 6	10,513 9 3	6,059 5 6	12 13 0	..	17,122 12 3
Tanjore	26,318 12 8	..	..	26,318 12 8	12,043 12 0	15,823 6 0	17 8 7	..	22,556 11 3
Madura	7,270 10 4	..	..	7,270 10 4	2,796 6 10	1,666 13 3	5 11 1	..	8,405 15 0
Tinnevelly	65,558 5 1	..	..	65,558 5 1	12,200 5 4	29,696 10 0	17 2 4	..	48,079 2 9
Total ..	3,22,744 10 3	..	615 13 0	3,22,128 13 3	1,32,866 6 6	1,32,866 6 6	158 14 7	236 0 0	3,22,051 11 10
Malabar	1,04,346 11 4	..	..	1,04,346 11 4	52,591 13 6	60,404 4 0	61 1 8	..	96,595 6 6
South Canara	13,455 13 5	..	..	13,455 13 5	14,306 5 4	6,493 14 10	15 15 9	..	21,284 3 8
Total ..	1,17,802 8 9	..	..	1,17,802 8 9	66,898 2 10	66,898 2 10	77 1 5	..	1,17,879 10 2
Grand Total ..	4,40,547 3 0	..	615 13 0	4,39,931 6 0	1,99,764 9 4	1,99,764 9 4	236 0 0	236 0 0	4,39,931 6 0

Column 3. (*a*) Coasting Steamers' dues subsequently refunded and deducted on both sides of the accounts.
,, 5. Distribution of Coasting Steamer dues in proportion to the tonnage that entered each district during the year, Madras excepted.
,, 6. Do. of general receipts distributed in proportion to the total tonnage that entered each district during the year.

APPENDIX C (vi-*b*).

PLUS and MINUS entries to be made in Port Fund Charges (Act X of 1889) for 1895–96 to arrive at the figures given in Appendix C (ii).

1 Districts.	2 Total charges as per monthly accounts sent to Accountant-General.	3 Other adjustments. Add.	3 Other adjustments. Deduct.	4 Net charges as per appendix C (ii-*a*).	5 Adjustments on account of general charges. Add.	5 Adjustments on account of general charges. Deduct.	6 Adjustments of lighthouse charges. Add.	6 Adjustments of lighthouse charges. Deduct.	7 Net charges as per appendix C (ii).
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ganjám	13,108 13 1	136 0 0	..	13,244 13 1	11,443 7 6	136 0 0	3,209 12 2	6,348 6 10	21,413 9 11
Vizagapatam	14,798 12 7	997 7 0	..	15,796 3 7	22,242 4 11	997 7 0	6,238 11 4	3,012 9 10	40,267 3 0
Gódávari	17,593 7 6	660 0 0	..	18,253 7 6	14,907 13 9	660 0 0	4,181 4 7	6,028 11 9	30,653 14 1
Kistna	12,392 5 5	103 8 0	..	12,495 13 5	7,005 7 1	103 8 0	1,964 15 2	2,285 7 3	19,077 4 5
Nellore	2,431 2 1	..	..	2,431 2 1	241 4 7	..	67 10 10	2,413 5 4	326 12 2
Chingleput	3,925 0 2	..	..	3,925 0 2	..	..	..	3,925 0 2	..
Madras .. { Administration	1,96,515 3 11	..	(*b*) 1,96,515 3 11	..	..	..	..	..	..
Madras Port Funds ..	53,396 6 4	66,314 2 11	..	1,19,710 9 3	32,191 5 3	66,313 15 0	9,029 7 11	3,524 5 1	91,093 2 4
South Arcot	6,308 8 4	158 9 5	(*a*) 615 13 0	5,851 4 9	10,671 5 3	158 9 5	2,993 2 11	564 9 4	18,792 10 2
Tanjore	12,184 1 11	96 0 0	..	12,280 1 11	14,603 12 8	96 0 0	4,096 3 1	1,215 2 0	29,668 15 8
Madura	11,229 3 1	1,26,331 4 9	..	1,37,560 7 10	4,740 6 2	1,26,331 4 9	1,329 10 0	1,333 0 3	15,966 3 0
Tinnevelly	80,894 0 3	94 3 10	..	80,988 4 1	14,279 1 7	94 3 10	4,005 2 0	6,465 6 2	92,712 13 8
Total ..	4,24,777 0 8	1,94,891 3 11	1,97,131 0 11	4,22,537 3 8	1,32,326 4 9	1,94,891 0 0	37,116 0 0	37,116 0 0	3,59,972 8 5
Malabar	40,189 4 8	1,584 0 0	..	41,773 4 8	50,879 11 4	1,584 0 0	7,118 13 10	3,280 7 11	94,907 5 11
South Canara	15,085 15 2	40 0 0	..	15,125 15 2	13,308 15 11	40 0 0	1,862 2 2	5,700 8 1	24,556 9 2
Total ..	55,275 3 10	1,624 0 0	..	56,899 3 10	64,188 11 3	1,624 0 0	8,981 0 0	8,981 0 0	1,19,463 15 1
Grand Total ..	4,80,052 4 6	1,96,515 3 11	1,97,131 0 11	4,79,436 7 6	1,96,515 0 0	1,96,515 0 0	46,097 0 0	46,097 0 0	4,79,436 7 6

Column 3. (*a*) Refund of Coasting Steamers' dues deducted on both sides of the account.
(*b*) General charges including charges on account of dredger *Wenlock* incurred in other districts and brought under the heading "Administration."
,, 5. General charges distributed in proportion to the tonnage that entered each district during the year.
,, 6. Lighthouse charges distributed in proportion to the tonnage that entered each group.

APPENDIX D.

STATEMENT showing the number of officers and men employed otherwise than in Government vessels in the Port Department under the Government of Madras during the official year 1895–96.

Description of establishment.	Number of officers.	Number of men.	Total annual cost.	Total annual earnings.
1	2	3	4	5
			Rs.	Rs.
Madras.				
Port establishment	4	93	52,754	..
Lighthouse establishment	..	7	2,347	..
Divers' establishment	..	2	2,166	..
Marine Police establishment	..	..	5,072	..
Do. Dispensary establishment	..	2	2,293	..
Pilotage, Madras	3	34	23,415	31,611
Coast Ports.				
Port Officers and Conservators	16	198	53,107	..
Lighthouses .. .. (Pámban and Kilakarai, Cochin and Mangalore).	..	96	21,606	..
Pilotage (Pámban and Kilakarai, Cochin and Mangalore).	2	14	4,298	48,024
Landing and Shipping dues (Cocanada, Vizagapatam, Masulipatam, Negapatam and Mangalore) ..	..	55	11,370	72,101

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APPENDIX E.

STATEMENT showing the various Government vessels, &c., in charge of the Port Department in the year 1895–96.

Detail of vessels.	Tonnage of each vessel and horse-power of engine if a steamer.	Number of officers.	Number of men.	Total annual cost.	Total annual earnings.
1	2	3	4	5	6
River-Going Vessels.				Rs.	Rs.
Steam Dredger "Priestmanna" ..	..	..	10	5,474	..
Do. "Connemara" ..	..	..	11	4,811	..
Steam Launch "Empress" ..	6½ tons ..	..	1	240	..
Steam Tug "Gódávari" ..	40 tons, eighty horse-power.	..	9	1,995	..
Steam Dredge (at Cuddalore) ..	12 tons, six horse-power.	..	6	1,101	..
Steam Dredge "Wenlock" ..	407 tons, forty-five horse-power.	..	27	13,437	..
Steam Launch (at Madras) ..	..	..	6	1,922	..

APPENDIX F.

Statement showing the number, &c., of changes of Masters endorsed on registers of vessels under Act X of 1841 and the Merchant Shipping Act, from 1st April 1895 to 31st March 1896, in the various districts of the Madras Presidency.

Districts.	Number of vessels on the registers of which changes of Masters were endorsed.	Amount of fees.
		Rs.
Madras	7	14
Ganjám	..	..
Vizagapatam	..	..
Gódávari	10	20
Kistna	13	26
Nellore	..	..
Chingleput	..	..
South Arcot	..	..
Tanjore	42	84
Madura	31	62
Tinnevelly	17	34
Malabar	21	42
South Canara	59	118
Total for 1895–96 ..	200	400
,, 1894–95 ..	129	258
Increase ..	71	142

APPENDIX G.

Statement showing the number, &c., of vessels registered under Act X of 1841, from 1st April 1895 to 31st March 1896, in the various districts of the Madras Presidency.

Districts.	Total number of vessels.	Total tonnage.	Total amount of fees.
		Tons.	Rs. A. P.
Madras	..	..	..
Ganjám	..	..	..
Vizagapatam	..	..	..
Gódávari	9	1,391	176 6 0
Kistna	9	219	83 0 0
Nellore	..	..	..
Chingleput	..	..	..
South Arcot	..	..	..
Tanjore	15	1,559	229 10 0
Madura	14	769	101 4 0
Tinnevelly	9	1,086	97 12 0
Malabar	31	963	206 8 0
South Canara	..	..	..
Total for 1895–96 ..	87	5,987	894 8 0
,, 1894–95 ..	101	5,750	987 15 0
Decrease ..	14	237	93 7 0

APPENDIX H.

Particulars of changes in the Gazetted Official Staff of the Madras Port Department by absence on leave, deputation, &c., in the official year 1895–96.

Name.	Designation.	Cause and period of absence.	Acting arrangements.
Commander W. J. Powell, R.I.M.	Presidency Port Officer.	Privilege leave for 60 days from 10th October 1895.	Commander C. W. Hewett, R.I.M., Deputy Port Conservator, acted.
Mr. H. D. Baddeley ..	Agent for Government Consignments and Personal Assistant to the Presidency Port officer.	(1) Privilege leave for 2 months and 11 days from the 17th April 1895. (2) Acting for the Deputy Port Conservator, Madras, for 60 days from 3rd August 1895, while that officer was on privilege leave. (3) Acting for the Deputy Port Conservator, Madras, for 60 days from 10th October 1895, while the Deputy Conservator was acting for the Presidency Port officer. (4) Acting for the Port officer, Tuticorin, from 25th December 1895 to 31st January 1896. (5) Acting for the Deputy Port Conservator, Madras, from 23rd March 1896 to the close of the official year, on that officer proceeding on medical leave.	During each of these periods, the Manager of the Agent's office was in charge of that office.
Mr. G. W. Wicks ..	Port officer, Cocanada.	From the one year's privilege leave granted from 24th October 1894, returned to duty on 24th October 1895.	Mr. J. P. James, Port officer, Negapatam, acted.
Mr. J. P. James ..	Port officer, Negapatam.	(1) On deputation to act for the Port officer, Cocanada, up to 23rd October 1895. (2) Privilege leave from 8th November to 13th December 1895.	Mr. W. S. Carlyon, Port officer, Mangalore, acted up to 18th September 1895, and from 19th September to 28th October 1895, the Superintendent of Sea Customs was in charge. The Superintendent of Sea Customs was in charge.
Mr. W. S. Carlyon ..	Port officer, Mangalore.	(1) On deputation to act for the Port officer, Negapatam, up to 18th September 1895. (2) Privilege leave for 2 months from 19th September 1895. [From 29th October 1895 permanently transferred to Gopalpur.]	Mr. J. M. Simpson, Port officer, Gopalpur, acted. Mr. H. S. Brown, Port officer, Tellicherry, acted.
Mr. M. Woodhouse ..	Port officer, Cochin ..	Privilege leave from 6th March to 28th May 1895.	Mr. J. H. Batt, Port officer, Pámban, acted.
Mr. J. M. Simpson ..	Port officer, Gopalpur.	On deputation to act for the Port officer, Mangalore, up to 24th October 1895. [From 29th October 1895 permanently transferred to that port.]	Mr. R. L. Swann, Reserve Port officer, acted.
Mr. J. H. Batt ..	Port officer, Pambán.	On deputation to act for the Port officer, Gopalpur, from 1st April to 25th November 1895.	From 3rd to 10th Dec. the Superintendent of Sea Customs was in charge. From 11th to 16th Dec. Reserve Port officer Mr. Swann acted. From 18th to 24th December 1895, the Superintendent of Sea Customs was in charge. From 25th December 1895 to 31st January 1896, Mr. H. D. Baddeley acted.
Mr. T. H. Baker ..	Port officer, Tuticorin.	To navigate Indian Government Steamer *Margarita* to the Laccadives from 3rd to 16th December 1895. Privilege leave for one month and 14 days from 18th December 1895 to 31st January 1896.	

APPENDIX I.

STATEMENT of passengers sailed from the undermentioned ports in the Madras Presidency during the official year 1895–96.

Names of Ports.	Ports bound to: Ports within the Presidency. Adults. Males.	Females.	Children under 12.	Total.	Ports beyond the Presidency but within British India. Adults. Males.	Females.	Children under 12.	Total.	Ports in Burma. Adults. Males.	Females.	Children under 12.	Total.	Ports in Ceylon. Adults. Males.	Females.	Children under 12.	Total.	Ports in Straits Settlements. Adults. Males.	Females.	Children under 12.	Total.	Other Ports. Adults. Males.	Females.	Children under 12.	Total.	Grand Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Gopalpur	30	5	7	42	539	298	191	1,028	824	59	35	918	..	..	..	..	..	..	..	..	..	..	..	..	1,988
Calingapatam ..	8	2	..	10	5	5	..	10	3,212	61	213	3,486	..	..	..	..	..	..	..	..	..	..	..	..	3,506
Báruva	..	..	..	..	..	..	..	..	4,298	25	147	4,470	..	..	..	..	..	..	..	..	..	..	..	..	4,470
Bimlipatam ..	22	11	4	37	36	5	5	46	870	121	61	1,052	..	..	..	..	..	..	..	..	..	..	..	..	1,135
Vizagapatam ..	129	29	6	164	63	28	10	101	3,297	172	242	3,711	1	2	2	5	..	..	..	..	..	..	..	..	3,981
Cocanada	593	94	23	710	29	2	3	34	9,481	247	371	10,099	3	..	2	5	..	..	..	..	36	..	..	36	10,884
Masulipatam ..	350	36	12	398	9	..	..	9	203	23	9	235	..	..	..	..	..	44	2	7	53	..	..	..	642
Cuddalore	..	..	..	..	..	..	..	..	196	4	11	211	..	..	..	..	..	286	..	..	286	..	..	..	264
Porto Novo	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	286	..	..	..	..	..	..	..	287
Negapatam	11	1	..	12	..	..	..	..	8,255	720	574	9,549	566	42	30	638	13,677	983	722	15,382	..	..	..	..	* 25,581
Tranquebar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	103	11	24	138	138
Tóppuṭṭurai	32	..	..	32	..	..	..	..	..	..	..	..	2,862	335	21	3,218	..	..	..	..	..	..	..	..	3,250
Muttupet	4	6	3	13	..	..	..	..	..	..	..	..	217	13	2	232	..	..	..	..	..	..	..	..	245
Adirámpatnam ..	31	..	..	31	..	..	..	..	..	..	..	..	231	5	6	242	..	..	..	..	..	..	..	..	273
Ammápatnam ..	..	..	..	..	..	..	..	..	..	..	..	..	5	4	2	11	..	..	..	..	..	..	..	..	11
Kóttaipatnam ..	..	..	..	..	..	..	..	..	..	..	..	..	37	..	..	37	..	..	..	..	..	..	..	..	37
Pámban	12,584	5,997	299	18,880	..	..	..	..	..	..	..	..	23,675	6,923	2,233	32,831	..	..	..	..	..	..	..	..	51,711
Kilakarai	560	132	26	718	..	..	..	..	..	..	..	..	135	..	36	171	..	..	..	..	..	..	..	..	889
Devipatam	7,097	3,887	550	11,534	..	..	..	..	..	..	..	..	241	8	13	262	..	..	..	..	..	..	..	..	11,796
Tondi	306	79	69	454	..	..	..	..	..	..	..	..	7,053	1,525	1,320	9,898	..	..	..	..	..	..	..	..	10,352
Tuticorin	642	70	38	750	..	..	..	..	..	..	..	..	54,481	12,663	9,115	76,259	..	..	..	..	..	..	..	..	77,009
Kulasékarapatnam ..	221	28	6	255	..	..	..	..	..	..	..	..	295	41	83	419	..	..	..	..	..	..	..	..	674
Káyalpatnam ..	79	23	11	113	..	..	..	..	..	..	..	..	13	..	..	13	..	..	..	..	..	..	..	..	126
Cochin	242	27	13	282	109	33	10	152	5	..	..	5	13	..	..	13	..	..	..	..	22	..	..	22	474
Calicut	598	53	30	681	460	41	19	519	..	..	..	..	2	..	..	2	..	..	..	..	19	4	..	23	1,225
Badagara	11	..	..	11	14	1	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26
Kallâyi	10	1	2	13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13
Tellicherry	418	42	53	513	100	5	14	119	..	..	..	..	5	..	..	5	..	..	..	..	15	..	..	15	652
Cannanore	382	72	28	482	103	13	7	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	605
Kasargod	373	32	47	452	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	452
Managalore	6,007	1,822	697	8,526	3,970	1,149	515	5,634	..	..	..	..	6	4	..	10	..	..	..	..	706	137	85	928	15,098
Malpe	2,513	846	322	3,681	1,363	474	124	1,961	..	..	..	..	..	..	..	..	..	..	..	..	409	113	32	554	6,196
Hangarakatta ..	78	3	3	84	272	44	16	332	..	..	..	..	..	..	..	..	..	..	..	..	283	7	2	292	708
Coondapoor	1,313	253	164	1,730	1,230	323	154	1,707	..	..	..	..	..	..	..	..	..	..	..	..	338	68	43	449	3,886
Baindoor	12	2	1	15	6	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	29	..	..	29	50
Madras	292	62	24	378	971	151	66	1,188	3,752	1,406	646	5,804	126	20	1	147	414	38	31	483	2,104	756	405	3,265	11,265
Total ..	34,948	13,615	2,438	51,001	9,279	2,572	1,133	12,984	34,393	2,838	2,309	39,540	89,968	21,585	12,866	1,24,419	14,421	1,023	760	16,204	4,064	1,096	591	5,751	249,899

* Including Emigrants, 1,457 adults and 50 children.

Grand Total ..	1895–96 ..	249,899
	1894–95 ..	190,628
	Increase ..	59,271

APPENDIX I—*cont.*

STATEMENT of passengers arrived at the undermentioned ports in the Madras Presidency during the official year 1895–96.

Names of Ports.	Ports arrived from: Ports within the Presidency. Adults. Males.	Females.	Children under 12.	Total.	Ports beyond the Presidency but within British India. Adults. Males.	Females.	Children under 12.	Total.	Ports in Burma. Adults. Males.	Females.	Children under 12.	Total.	Ports in Ceylon. Adults. Males.	Females.	Children under 12.	Total.	Ports in Straits Settlements. Adults. Males.	Females.	Childrens under 12.	Total.	Other Ports. Adults. Males.	Females.	Children under 12.	Total.	Grand Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Gopalpur	40	10	4	54	232	37	25	294	200	..	..	200	..	..	..	..	..	..	..	..	..	..	..	..	548
Calingapatam ..	3	..	..	3	57	8	7	72	2,573	27	64	2,664	..	..	..	..	..	..	..	..	..	..	..	..	2,739
Báruva	..	..	..	..	..	..	..	..	1,700	10	36	1,746	..	..	..	..	..	..	..	..	..	..	..	..	1,746
Bimlipatam ..	49	11	3	63	30	3	..	33	4,589	127	128	4,844	..	..	..	..	..	..	..	..	..	..	..	..	4,940
Vizagapatam ..	248	22	10	280	84	14	4	102	3,990	40	74	4,104	4	..	..	4	..	..	..	..	..	..	..	..	4,490
Cocanada	267	36	13	316	57	13	13	83	8,134	209	78	8,421	2	..	..	2	..	..	..	..	..	..	..	..	8,822
Masulipatam ..	332	47	38	417	31	11	6	48	236	37	21	294	..	..	..	..	..	..	..	..	..	..	..	..	759
Cuddalore	6	..	..	6	..	..	..	..	..	..	..	..	4	..	..	4	26	..	..	26	..	..	..	..	36
Porto Novo	..	..	..	..	..	..	..	..	..	..	..	..	72	20	6	98	86	..	..	86	..	..	..	..	184
Negapatam	38	..	..	38	..	..	..	..	9,302	796	553	10,651	862	86	36	984	11,098	809	533	12,440	..	3	..	3	24,116
Tranquebar	4	..	..	4	..	..	..	..	..	..	..	..	7	..	..	7	..	..	..	..	..	..	..	..	11
Tóppuṭṭurai	..	..	..	..	..	..	..	..	..	..	..	..	2,369	401	9	2,779	..	..	..	..	..	..	..	..	2,779
Muttupet	8	..	..	8	..	..	..	..	..	..	..	..	318	8	9	335	..	..	..	..	..	..	..	..	343
Adirámpatnam ..	97	5	12	114	..	..	..	..	..	..	..	..	540	24	31	595	..	..	..	..	..	..	..	..	709
Ammápatnam ..	19	..	..	19	..	..	..	..	..	..	..	..	331	7	10	348	..	..	..	..	..	..	..	..	367
Kóttaipatnam ..	..	..	..	..	..	..	..	..	..	..	..	..	219	11	10	240	..	..	..	..	..	..	..	..	210
Pámban	8,007	3,567	46	11,620	..	..	..	..	..	..	..	..	13,688	2,878	918	17,484	..	..	..	..	..	..	..	..	29,104
Kilakarai	3,299	1,814	64	5,177	..	..	..	..	..	..	..	..	133	2	4	139	..	..	..	..	..	..	..	..	5,316
Devipatam	6,945	3,821	477	11,243	..	..	..	..	..	..	..	..	80	1	..	81	..	..	..	..	..	..	..	..	11,324
Tondi	350	46	19	415	..	..	..	..	20	..	..	20	8,164	1,197	909	10,270	..	..	..	..	..	..	..	..	10,705
Tuticorin	1,697	279	176	2,152	28	4	..	32	..	..	..	..	49,505	16,295	4,872	70,672	..	..	..	..	..	..	..	..	72,856
Kulasékarapatnam ..	244	57	9	310	..	..	..	..	..	..	..	..	377	44	82	503	..	..	..	..	..	..	..	..	813
Káyalpatnam ..	89	6	..	95	..	..	..	..	..	..	..	..	37	2	3	42	..	..	..	..	..	..	..	..	137
Cochin	132	15	6	153	186	26	2	214	4	..	..	4	6	1	..	7	26	..	..	1	27	23	1	..	429
Calicut	781	91	43	915	318	41	18	377	..	..	..	..	18	..	2	20	..	..	..	..	..	..	..	24	1,312
Badagara	14	..	..	14	6	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
Kallâyi	5	..	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
Tellicherry	710	70	32	812	65	8	9	82	..	..	..	..	6	..	..	6	..	..	..	..	..	8	3	3	914
Cannanore	801	64	23	388	63	9	7	79	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	467
Kasargod	5,474	1,126	612	7,212	3,378	939	510	4,822	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12,921
Managalore	481	63	41	585	2	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	651	166	70	887	587
Malpe	2,830	1,204	351	4,385	1,523	651	120	2,294	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7,488
Hangarakatta ..	212	13	10	235	198	28	10	236	..	..	..	..	..	..	..	..	..	..	..	..	476	277	56	809	758
Coondapoor	1,426	265	217	1,908	1,203	257	81	1,541	..	..	..	..	..	..	..	..	..	..	..	..	273	7	7	287	3,770
Baindoor	10	..	1	11	5	4	1	10	..	..	..	..	..	..	..	..	..	..	..	..	289	28	4	321	60
Madras	1,048	217	73	1,338	1,227	172	68	1,467	3,144	493	320	3,957	163	73	12	248	542	58	21	631	39	..	..	39	60
Total ..	35,166	12,849	2,280	50,295	8,688	2,225	881	11,794	33,892	1,739	1,274	36,905	76,905	21,050	6,913	104,868	11,778	867	565	13,210	2,705	821	339	3,865	220,937

Grand Total ..	1895–96 ..	220,937
	1894–95 ..	225,706
	Decrease ..	4,769

APPENDIX J.

Statement showing the particulars of dredging operations at the Port of Cocanada for the official year 1895–96, including the figures of the previous two years.

Name of dredger.	Particulars.	Previous two years. 1893–94.	Previous two years. 1894–95.	1895–96.
Priestman's dredger.	(a) Days working	172	184	183
	(b) Hours dredging	1,538	1,646	1,630
	(c) Barges / Boats loaded, giving number of tons each barge / boat will hold.	621 of 59¾ and 491 of 29 7/16 tons.	622 of 59¾ and 299 of 29 7/16 tons.	992 of 59¾ and 167 of 29 7/16 tons.
	(d) Tons dredged	51,469	45,805·4	63,883·6
	(e) Cubic yards dredged	38,126	33,946	47,322
	(f) Average outturn per day	299	248·9	349·08
	(g) Working expenses per ton	As. 1–5	As. 2–3	As. 1–2
Dredger "Connemara."	(a) Days working	189	202	241
	(b) Hours dredging	1,669	1,798	2,193
	(c) Barges / Boats loaded, giving number of tons each barge / boat will hold.	636 of 59¾ and 495½ of 29 7/16 tons.	621 of 59¾ and 530 of 29 7/16 tons.	1,164 of 59¾ and 398 of 29 7/16 tons.
	(d) Tons dredged	52,524	47,876·5	80,961·7
	(e) Cubic yards dredged	38,907	35,464	59,972
	(f) Average outturn per day	277·9	237·1	331·4
	(g) Working expenses per ton	As. 1–1	As. 3–4	As. 1–1

APPENDIX J (i).

Statement showing the particulars of dredging operations at the Port of Cuddalore for the official year 1895–96, including the figures of the previous two years.

Name of dredger.	Particulars.	Previous two years. 1893–94.	Previous two years. 1894–95.	1895–96.
	(a) Days working	148	149	96
	(b) Hours dredging	888	894	576
	(c) Barges / Boats loaded, giving number of tons each barge / boat will hold.	2,413¾ of 4 tons each.	2,362¾ of 4 tons each.	1,435½ of 4 tons each.
	(d) Tons dredged	9,655	9,451	5,742
	(e) Cubic yards dredged	7,152	7,001	4,255
	(f) Average outturn per day	43	48	58
	(g) Working expenses per ton	As. 1–7	As. 2–3	As. 2–0

APPENDIX K.

Particulars of Seamen shipped and discharged at Ports in the Madras Presidency under the various Merchant Shipping Acts in the official year 1895–96.

Name of port.	Europeans. Shipped.	Europeans. Discharged.	Asiatics. Shipped.	Asiatics. Discharged.	Total. Shipped.	Total. Discharged.
				1		1
				2		2
Calingapatam				23	3	24
Vizagapatam	3	1	27	785	32	796
Cocanada	5	11	386	394	386	394
Madras			80	110	80	110
Negapatam			26	26	26	27
Porto Novo		1	3		3	
Tuticorin			6	84	9	90
Tellicherry	3	6		2		2
Cochin						
Calicut						
Total of year under report	11	19	528	1,427	539	1,446
Total of previous year	10	27	543	1,296	553	1,323
Increase	1			131		123
Decrease		8	15		14	

APPENDIX L.

Statement showing the number of cargo and other licensed boats at the principal Ports in the Madras Presidency at the end of the official year 1895–96.

Name of ports.	Number of boats serviceable.	Number of boats unserviceable.	Total.
	86		86
Gopalpur	92	8	100
Calingapatam	168	12	180
Vizagapatam	79	102	181
Bimlipatam	298	34	332
Cocanada	39	16	55
Masulipatam	136	26	162
Cuddalore	48	20	68
Porto Novo	161	36	197
Negapatam	93	18	111
Pámban	165	40	205
Tuticorin	161	40	201
Cochin	127	38	165
Calicut and Beypore	68		68
Tellicherry	55	22	77
Cannanore	90	24	114
Mangalore			
Total of 1895–96	1,866	436	2,302
,, of 1894–95	1,671	424	2,095
Increase	195	12	207
Decrease			

Administration Report of the Deputy Conservator of the Port of Madras for the year 1895–96.

The number and tonnage of vessels entering and leaving the port of Madras during the year is shown in the following statement, and shows an increase over the preceding year in numbers and tonnage :—

Vessels entered.

	1894–95.		1895–96.	
	No.	Tons.	No.	Tons.
Steam ships, mercantile	640	1,150,037	*656	1,184,644
Sailing „ „	2	2,299	1	1,400
„ native crafts	77	7,657	86	9,628
Man-of-war, Government ships and transports	6	14,589	11	15,828
Total ...	725	1,174,582	754	1,211,500

Vessels left.

	No.	Tonnage.
Steam ships, mercantile	*657	1,185,999
Sailing „ „	1	1,400
„ native crafts	85	9,219
Man-of-war	11	15,828
Total ...	754	1,212,446

Of the above vessels, 284 were foreign-going and 371 coasting.

The revenue amounted to Rs. 1,50,970 against Rs. 1,35,260 for 1894–95 and was obtained from the following sources :—

	Rs.
Port Fund	
Salvage	1,19,765
Diver services	217
Hire of port raft	168
Boat licenses	1,140
Shipping office fees and fines	957
Office fees for overtime	860
	1,419
	1,24,526
Pilotage and boat charges connected	22,802
Moiety of Harbour Master's fees	3,640
Total ...	1,50,968

Artificial harbour.—Shipping operations have been carried on during the whole of the year without intermission.

The berths in the harbour have been equal to the requirements except on three occasions; the total number of vessels thus having to wait outside being five in all and on an average for about six hours each.

The S.S. *Booldana* was placed alongside the northern groyne and horses were successfully landed.

The S.S. *Fazilka* was placed alongside of the same groyne and 170 horses were discharged and walked on shore by means of a stage.

* Including .. .. { 42 German. 24 Austro-Hungarian. 23 French. 2 Norwegian.

Total Foreign .. 91

The S.S. *Argus* was berthed alongside of the northern arm and discharged stores by means of a stage from the ship to the wall.

The smoothness of the water inside the harbour has been all that was necessary.

Moorings.—The Harbour Engineer has been carrying on the work of screwing down permanent moorings. All the bow and stern moorings are nearly completed, each buoy having two lengths of $2\frac{1}{4}$″ chain of 24 fathoms attached to screw piles; this will complete head and stern moorings for nine vessels, thus securing ships much more effectually than could be done by using their own anchors.

Weather.—The weather has been fine throughout the year, with the exception of 11th August and 28th September, on both of which days warning signals were hoisted.

Accidents.—The stern lines of the S.S. *Bhopal* carried away on the 18th June whilst the vessel was unmooring. The engines being immediately moved ahead, a collision with the S.S. *Clan Macdonald* which was moored in the next berth to leeward, was avoided.

Stern lines of the S.S. *Dilwara* and *Curfew* parted during a heavy squall from the north on the 9th June, but no casualty occurred thereby. Whilst the S.S. *Putiala* was being taken to sea on one occasion, the steering gear jammed causing her to approach dangerously near the southern groyne, but she eventually proceeded without mishap.

The S.S. *Kangra* entered the harbour without having a Harbour Master on board, and this disregard of the Port rules on the part of the Master of that ship nearly caused a disaster. His behaviour was reported to the owners. There were only two Harbour Masters on duty at the time and both were engaged with other vessels (the senior Harbour Master being on leave).

Boats.—The steam launch since being placed for repairs under the Harbour works has been running fairly well and is in fairly good order.

Boats have been kept in good condition, but their having had to be used for shackling ships chain cables on to the mooring buoys, they have been injured to a considerable extent. Sanction has, however, been obtained for the construction of a mooring boat for Rs. 900 which is at present being carried out and when complete will diminish the wear and tear to the Harbour Master's boats.

Entrance lights.—The two head lights at the end of each harbour wall were lit at sunset on the 1st January 1896 for the first time, giving an uniform and unbroken light all round the horizon, visible about 8 miles.

Cargo boats.—The number of lighters on the register is 90, musulah boats 172, jolly boats 46, and water boats 11.

Port rafts.—The port rafts is still the only method of landing heavy weights and has been used 76 times and earned Rs. 1,140, in addition to the mooring work which occupied about six months in the year.

Leave.—Commander C. W. Hewett, R.I.M., was granted privilege leave for 60 days from 2nd August 1895, and Mr. H. D. Baddeley acted as Deputy Conservator in his absence.

Commander C. W. Hewett, R.I.M., acted as Presidency Port Officer from 9th October to 8th December 1895, and Mr. H. D. Baddeley acted as Deputy Conservator for that period.

Commander C. W. Hewett, R.I.M., availed himself of one year's furlough on medical certificate handing over charge of the office to Mr. H. D. Baddeley on the afternoon of the 22nd March 1896.

Port diver.—The port diver, as in former years, was well employed and had constant work, and a considerable amount of property was recovered.

Time signal.—The time signal has worked well, there being only seven failures during the year.

The time ball sanctioned by the Board some two years back has not yet been provided by the Harbour works.

Life-saving apparatus.—Quarterly practice has been carried on during the year. The men are efficient and the gear in good order.

Shipping office.—The number of Native seamen engaged at this port shows a considerable decrease on last year's figure.

European seamen engaged	5
,, discharged	11
,, sent to jail	0
,, sent to hospital	4
Native seamen engaged	27
,, discharged	785
,, sent to jail	19
,, sent to hospital	4
Distressed seamen sent home	1

Periodical statements and returns were sent to Board of Trade, London, and the Government of Madras.

W. AVES, Comdr., R.I M.,
Acting Deputy Conservator of the Port.

Administration Report of the Office of Agent for Government Consignments, Madras, for the Official year 1895–96.

Mr. H. D. Baddeley, Agent for Government Consignments, availed himself of the privilege leave granted to him by Government from 17th April to 28th June 1895. The same officer was on deputation for various periods, viz., from 3rd August to 30th September 1895 and from 10th October to 8th December 1895, as Acting Deputy Conservator of Port, and from 24th December 1895 to 6th February 1896, as Acting Port Officer, Tuticorin. He acted again as Deputy Conservator of Port from the 23rd March 1896 up to the time he proceeded on six months' leave to Europe.

2. Appended to this report are two statements showing the various departments for whom stores were landed and shipped with quantities during the past three official years, viz. :—

Appendix A, Import. | Appendix B, Export.

3. The total quantities of Government stores landed and shipped during the year 1895-96 as compared with those for the previous year are subjoined :—

	Number of packages.	Tons.
Import.		
1894-95	72,539	4,355
1895-96	51,125	4,048
	— 21,414	— 307
Export.		
1894-95	25,582	2,267
1895-96	32,773	2,157
	+ 7,191	— 110

4. A large decrease is noticed in both the number of packages and tonnage under import. The cause of the difference is probably attributable to the fact that fewer consignments were received by the Home Line steamers for the Public Works department, and a smaller number of small arms, ammunition and other stores landed from coasting boats for the Ordnance department.

5. The increase in the number of packages under export is chiefly due to the large shipments of telegraph stores, such as sole-plates, sockets, and tubes which had been transferred to Calcutta and Burma.

6. The landing of stores was carried on by contract, and the rate accepted being comparatively favourable, the cost was nearly the same as that of last year, viz., As. 13–6 per ton.

7. The rate paid for removal of packages including cart-hire averaged As. 6–6 per ton, which is less by 9 pies than that of the previous year.

8. The shipping operations were entirely conducted by the office staff deputed for the purpose. Boat-hire amounted to As. 13–3 per ton, for all stores except specie which is conveyed under special arrangements without regard to the carrying capacity of a boat.

9. The shipping charges would have been considerably lower were it not for shipments of explosives (the amount of which allowed to be carried in a boat is limited to 2,000 lb. with no other cargo), and several urgent consignments of less than a boat-load received and despatched after the usual time.

10. The sum of Rs. 780–14–8 was recovered on account of loss of, and damage to, stores, from the parties in fault, as follows:—

	Rs.	A.	P.
From the agents	758	14	2
,, landing contractor	22	0	6
Total	780	14	8

11. No loss whatsoever accrued to Government by the transactions of the year under report.

Madras,
15th August 1896.

(Signed) W. AVES, Commdr., R.I.M.,
Ag. Agent. for Govt. Consignments.

APPENDIX A.

Statement of Government Stores landed during the past three official years.

Departments.	1893-94.		1894-95.		1895-96.	
	Packages.	Tons.	Packages.	Tons.	Packages.	Tons.
Civil—						
Stamp	2,131	269	1,611	219	2,615	351
Stationery	1,105	297	1,115	310	929	247
Telegraph	9,237	506	10,770	253	12,114	444
Police	204	44	131	29	163	41
Press	81	11	249	13	349	33
Prisons	6	1	16	2	..	..
Salt	109	24	78	7	21	1
Survey	20	2	37	4	42	4
Forest	2	½	1	..	..	..
Post Office	780	73	2,784	294	2,359	319
Treasury—						
Copper	855	..	480	..	145	..
Silver	458	..	489	..	167	..
Paper Currency Department	30	6	13	..	16	..
Public Works Department	10,172	548	12,351	735	1,930	281
Secretariat	85	6	68	7	56	6
Government Gardens	122	16	285	36	193	28
Miltary—						
Clothing	2,146	490	1,899	415	2,073	484
Medical	1,900	627	998	177	501	149
Ordnance	22,857	1,404	34,540	1,198	24,209	1,227
Commissariat	2,314	513	3,605	208	2,150	291
Regimental necessaries	721	106	501	75	303	47
Marine—						
Port Department	58	8	316	27	160	10
Miscellaneous	1,213	126	202	46	630	85
Total	56,606	5,077½	72,539	4,355	51,125	4,048

APPENDIX B.

Statement of Government Stores shipped during the past three official years.

Departments.	1893–94.		1894–95.		1895–96.	
	Packages.	Tons.	Packages.	Tons.	Packages.	Tons.
Civil—						
Stamp	233	25	221	24	267	29
Stationery	654	118	680	124	779	147
Telegraph	4,953	123	3,045	100	10,870	355
Police	926	58	933	69	497	53
Press	478	39	588	53	489	41
Prisons	103	4	58	5	23	1
Salt	732	34	950	54	725	27
Survey	236	20	138	11	54	6
Forest	1	..	87	5	..	..
Post Office	2	1	..	..	..	..
Treasury—						
Copper	163	8	225	..	105	..
Silver	95	..	22	..	865	..
Paper Currency Department ..	8	..	6	..	2	..
Public Works Department	3,168	54	1,241	85	1,678	48
Secretariat	..	..	..	..	..	..
Government Gardens	11	1	48	8	30	5
Military—						
Clothing	924	128	1,160	141	1,225	176
Medical	2,159	325	1,027	183	573	74
Ordnance	9,222	834	8,829	856	7,352	660
Commissariat	5,365	556	6,029	518	6,849	493
Regimental necessaries	..	..	..	..	..	..
Marine—						
Port Department	37	5	98	8	51	3
Miscellaneous	283	20	197	23	339	39
Total ..	29,753	2,353	25,582	2,267	32,773	2,157

Madras,
15th August 1896.

(Signed) W. AVES, Commander, R.I.M.,
Ag. Agent for Govt. Consignments.

Order—No. 848, Marine, dated 8th December 1896.

With his letter recorded above, the Presidency Port Officer submits the Administration Report of the Madras Port Department for the year 1895–96, also the reports of the Agent for Government Consignments and the Deputy Conservator of the Port of Madras for the same period.

2. *Official staff.*—The most important changes were: the retirement of Commander W. J. Powell, the head of the Marine Department, and the appointment to the office of Commander H. A. Street, R.I.M. An exchange was also effected between Mr. W. S. Carlyon, Port Officer, Mangalore, and Mr. J. M. Simpson, Port Officer, Gopalpur.

3. *Acts.*—The action taken under the provisions of various Marine Acts is specified in paragraph 2 of the report, and evinces commendable activity in certain branches of administration.

4. *Casualties.*—There were 30 casualties * during the year as against 21 in the previous year, but it is satisfactory to notice that there was no loss of life. As a result of the Court of Inquiry held in connection with the loss of the Austro-Hungarian steamer *Thisbe*, a temporary light has been exhibited † at the Sacramento Shoal, and plans and estimates for the erection of a permanent structure with a new light are under preparation.

* 1893–94 16
1894–95 21
1895–96 30

† G.O., No. 292, Marine, dated 4th October 1895.

5. *Tonnage and dues.*—The following statement exhibits the number and tonnage of the several classes of vessels which entered the ports of the Presidency and the dues paid by them during the year as compared with the figures for the two preceding years :—

—	Number of vessels.	Tonnage.	Dues paid.
			Rs.
Madras.			
1893–94	724	1,233,735	1,13,386
1894–95	705	1,165,715	1,11,096
1895–96	742	1,225,426	1,19,765
Other ports.			
1893–94	24,109	6,142,638	2,23,594
1894–95	25,056	6,228,691	2,34,022
1895–96	25,861	6,255,303	2,42,201

The results during the year under review compare favourably with those of previous years.

6. *Trade.*—The subjoined is an abstract of the import and export trade of the principal ports in the Presidency, exclusive of Government stores and Government and private treasure :—

—	Value.			Duty.		
	Imports.	Exports.	Total.	Imports.	Exports.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Madras.						
1893–94	6,49,78,552	5,76,53,455	12,26,32,007	10,78,662	9,741	10,83,403
1894–95	7,15,21,088	5,92,32,809	13,07,53,897	26,20,108	21,271	26,41,379
1895–96	6,28,26,933	6,60,98,517	12,89,25,450	30,23,722	1,281	30,25,003
Other ports.						
1893–94	6,08,43,234	10,94,55,876	17,02,99,110	1,00,892	4,43,660	5,44,552
1894–95	5,69,19,560	12,17,88,674	17,87,08,234	3,18,746	5,52,892	8,71,638
1895–96	6,18,49,698	11,96,26,117	18,14,75,815	3,79,228	4,35,103	8,14,331

As regards the total value of the imports and exports at Madras during the year under review, there has been a decrease of Rs. 18,28,447. There has, however, been an increase of Rs. 3,83,624 in the amount of duties collected. The value of imports and exports at other ports increased by Rs. 27,67,581, while the duty shows a decrease of Rs. 57,307. Tuticorin continues to hold the first place among the outports in regard to the value of trade.

7. *Passenger traffic.*—There was an increase of 59,271 in the number of passengers outward bound, while there was a decrease of 4,769 in the number landed. The increase in departure is attributed to the regular daily steam service between Tuticorin and Colombo. As in previous years, the bulk of the passenger traffic lay at Tuticorin, Pámban and Negapatam. The numbers were as follows :—

	Passengers sailed.	Passengers landed.
Tuticorin	72,856	77,009
Pámban	29,104	51,711
Negapatam	24,116	25,581

Details of the traffic are given in appendix I of the report.

8. *Registration of vessels.*—The number of vessels registered under Act X of 1841 fell to 87 from 101 in the previous year. Details are given in appendix G.

9. *Government vessels.*—The previous year's report shows six vessels in charge of the Port Department, and appendix E of the present year's report shows the addition of a steam launch at Madras.

10. *Licensed boats.*—The number of cargo and other licensed boats at the principal ports in the Presidency at the end of the year 1894-95 amounted to 2,095. This number increased to 2,302 in 1895-96. Details are given in appendix L.

11. *Dredging operations.*—These operations were carried on during the year at Cocanada and Cuddalore. Of the two Priestman's dredgers employed at the former port, one worked at a cost of 1 anna 2 pies per ton, and the other at 1 anna 1 pie per ton. These rates compare favourably with those for 1894-95, which amounted to 2 annas 3 pies and 3 annas 4 pies, respectively. The operations at Cuddalore were carried on at a cost of two annas per ton against 2 annas 3 pies in 1894-95. Details will be found in appendix J and J (i). Dredging by manual labour had to be resorted to at Negapatam, but arrangements were made for constructing a bucket dredger at the Calcutta Dockyard.

12. *Accounts.*—The opening balance of Port funds under Act X of 1889 on the 1st April 1895 amounted to Rs. 7,32,656. The receipts during the year were Rs. 4,39,931 and the charges Rs. 5,13,336, not Rs. 4,79,436 as mentioned by the Presidency Port Officer in paragraph 23 of his review. The difference is probably due to the contribution of Rs. 33,900 (*vide* paragraph 24) made to the Madras Harbour Trust Board. The closing balance on the 31st March 1896 was Rs. 6,59,251. The revenue and expenditure during the previous year amounted to Rs. 4,35,871 and Rs. 5,76,744, respectively. The transactions of all the district ports except Tinnevelly, Vizagapatam, Gódávari, Nellore, Chingleput and Malabar, resulted in a deficit during the year, due to the adjustment against their funds of a heavy charge of Rs. 1,12,852 on account of the dredger "Wenlock." There was also a large deficit in Tinnevelly for which the new pier at Tuticorin is mainly responsible. Government securities of the nominal value of Rs. 33,900 were transferred by the port of Madras to the Harbour Trust Board. The surplus balance of the port at the end of the year amounted to Rs. 35,106-5-0. Out of this sum Rs. 2,063-7-4 will have to be made over to the Madras Pilotage funds to cover its deficit balance on the 31st March 1896, and the balance Rs. 33,042-13-8 transferred to the Harbour Trust Board as contribution for 1895-96. The requisite instructions for the adjustment of these amounts will be issued after the figures are verified by the Accountant-General. The following statement shows the financial position of Port funds at the beginning and close of the year:—

—	Madras.	Ports of the Eastern group.	Ports of the Western group.	Total.
	Rs.	Rs.	Rs.	Rs.
Opening balance on the 1st April 1895 ..	2,78,375	85,532	3,68,749	7,32,656
Receipts during 1895-96	1,26,199	1,95,852	1,17,880	4,39,931
Charges during do.	1,24,993	2,68,879	1,19,464	5,13,336
Closing balance on the 31st March 1896 ..	2,79,581	12,505	3,67,165	6,59,251

13. The financial position of the Pilotage funds under Act X of 1889 and of Landing and Shipping Dues under Act III of 1885 will be seen from the following statement:—

—	Opening balance on 1st April 1896.	Receipts during 1895-96.	Charges during 1895-96.	Closing balance on 31st March 18 6.
	Rs.	Rs.	Rs.	Rs.
Pilotage funds under Act X of 1889	58,394	48,024	38,201	68,217
Landing and Shipping Dues under Act III of 1885 ..	1,32,050	72,101	71,485	1,32,666

The transactions of the Madras port under Pilotage funds resulted during the year in a deficit of Rs. 2,063-7-4. At Mangalore there was a deficit of Rs. 12-8-0, while at Pámban and Cochin there was a surplus.

14. Under Landing and Shipping Dues, the ports of Vizagapatam, Masulipatam and Mangalore had a surplus balance, while Cocanada and Negapatam had each a deficit. The deficit at the former port was, in a great measure, due to charges on account of the new groynes which amounted to Rs. 28,558, and that at Negapatam to the adjustment of the cost of the new dredger built at the Government Dockyard at Calcutta. Details of receipts, charges and the financial position of the Port and Marine funds are given in appendices C, C (i) and C (ii) of the Presidency Port Officer's report.

15. The Presidency Port Officer will submit the usual statement prescribed in G.O., No. 28, Marine, dated 30th January 1890, after verification by the Accountant-General; and, on its receipt, the necessary transfers and adjustments will be sanctioned in the Financial Department.

16. In future reports, the works carried out by the agency of the Marine Department should be noticed.

17. *Deputy Conservator of the Port of Madras.*—The report of the Deputy Conservator of the Port of Madras which has been reproduced in this review has already been dealt with by Government in G.O., No. 602, Marine, dated 4th September 1896.

18. *Agent for Government Consignments.*—The number of packages landed and shipped during the year amounted to 83,898 weighing 6,205 tons, against 98,121 weighing 6,622 tons in 1894-95. The sub-joined statement compares the imports and exports during 1895-96 with those for the two previous years:—

—	Imports.		Exports.		Total.	
	Packages.	Tons.	Packages.	Tons.	Packages.	Tons.
1893-94	56,606	5,077½	29,753	2,353	86,359	7,430½
1894-95	72,539	4,365	25,582	2,267	98,121	6,622
1895-96	51,125	4,048	32,773	2,157	83,898	6,205

The decrease under imports during the year was due to a falling off in consignments for the Public Works and Ordnance Departments, and the increase in the number of packages under export to large shipments of telegraph stores transferred to Calcutta and Burma.

(True Extract.)

Under Secretary to Government.

To the Presidency Port Officer.
" Chairman, Harbour Trust Board.
" " Chamber of Commerce.
" Public Works Department.
" Revenue Department.
" Financial "
" Accountant-General.

Ed. T. K. Narayana Aiyangar.

Private emergency Marine

The Hon'ble Mr. Bliss C.S.I.

No. 878 Marine of 5th December 1896.

Port Dept Administration Report 1895-96.

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

2440

READ the following

From the Presidency Port Officer, Madras, No. 1813/329 G., dated 16th Oct. 1896.

With his letter recorded above, the Presidency Port Officer submits the Administration Report of the Madras Port Department for the year 1895-96, also the reports of the Agent for Government Consignments and the Deputy Conservator of the Port of Madras for the same period.

2. Official Staff. The most important changes were the retirement of Commander W. J. Powell, the head of the Marine Department, and the appointment to the office of Commander H. A. Street, R. I. M. An exchange was also effected between Mr. W. S. Carlyon, Port Officer Mangalore, and Mr. J. M. Simpson, Port Officer, Gopalpur.

3. Acts. The action taken under the provisions of various Marine Acts is specified in para 2 of the report, and evinces commendable activity in certain branches of administration.

4. Casualties. There were 30 casualties during the year as against 21

1893-94.	16.
1894-95.	21.
1895-96.	30.

in

in the previous year, but it is satisfactory to notice that there was no loss of life. As a result of the Court of Inquiry held in connection with the loss of the Austro-Hungarian Steamer Thisbe, a temporary light has been exhibited at the Sacramento Shoal, and plans and estimates for the erection of a permanent structure with a new light are under preparation.

G.O.292 Marine dated 4-10-95.

5. Tonnage and Dues. The following statement exhibits the number and tonnage of the several classes of vessels which entered the ports of the Presidency and the dues paid by them during the year as compared with the figures for the two preceding years.

Para 10 of the report and Appendix B

	Number of vessels	Tonnage	Dues paid
Madras.			
1893-94.	724.	12,33,735.	1,13,386
1894-95	705	11,65,715	1,11,096
1895-96	742	12,25,426	1,19,765
Other ports			
1893-94	24,109	61,42,638	2,28,594
1894-95	25,056	62,28,691	2,34,022
1895-96	25,861	62,55,305	2,43,201

The results during the year under review compared favourably with those of previous years.

6. Trade. The subjoined is an abstract of the import and export trade of the principal ports in the Presidency, exclusive of Government stores and

Govt.

See page 4 of the P.P.C. report

Government and private treasure.

	Value			Duty		
	Imports	Exports	Total	Imports	Export	Total
Madras						
1893-94	64,78,552	57,65,455	122,[illegible]2007	1,07,662	9,741	10,8[illegible]40[illegible]
1894-95	71,21,088	59,[illegible]2809	1[illegible],07[illegible]897	2,20,108	21,271	26,41,[illegible]79
1895-96	6[illegible]2826[illegible]	66,98,517	128,25,450	[illegible]02,722	1,281	[illegible]0,25,00[illegible]
Other ports						
1893-94	60,84,[illegible]14	109,55,876	170,39,110	1,00,892	4,[illegible]660	5,44,552
1894-95	56,19,560	121,88,671	178,708[illegible]4	5,18,746	5,52,892	8,71,6[illegible]8
1895-96	61,49,698	119,26,117	181,75,815	[illegible],79,228	4,51[illegible]	8,14,[illegible]1

As regards the total value of the imports and exports at Madras during the year under review there has been a decrease of Rs. 18,28,447. There has however been an increase of Rs. [illegible],85,624 in the amount of duties collected. The value of imports and exports at other ports increased by Rs. 27,67,681 while the duty shows a decrease of Rs. 57,307 Tuticorin continues to hold the first place among the out ports in regard to the value of trade.

Appendix I and para 3 of the P.P.C. report

7. Passenger Traffic. There was an increase of 59,271 in the number of passengers outward bound, while there was a decrease of 4,769 in the number landed. The increase in departure is attributed to the regular daily steam service between Tuticorin and Colombo. As in previous years the bulk of the passenger traffic lay at

Tuticorin

Tuticorin, Pamban and Negapatam. The numbers were as follows:-

	Passengers sailed	Passengers landed
Tuticorin.	72,856	77,009
Pamban.	29,104	51,711
Negapatam.	24,116	25,581

Details of the traffic are given in appendix i of the Report

8. Registration of vessels. The number of vessels registered under Act X of 1841 fell to 87 from 101 in the previous year. Details are given in Appendix G.

9. Government vessels. The previous year's report shows 6 vessels in charge of the Port Department, and Appendix E of the present year's report shows the addition of a steam lauch at Madras.

10. Licensed boats. The number of cargo and other licensed boats at the principal ports in the Presidency at the end of the year 1894-95 amounted to 2,095. This number increased to 2,302 in 1895-96. Details are given in Appendix L.

11. Dredging operations. These operations were carried on during the year at Cocanada and Cuddalore. Of the two Priestman's dredgers employed at the former port, one worked at a cost of one anna 2 pies per ton and the other at 1 anna 1 pie per ton. These rates compare favourably with those for 1894-95 which amounted to 2 annas 3 pies

Appendix I & J(i)

3 pies and 3 annas 4 pies respectively. The operations at Cuddalore were carried on at a cost of 2 annas per ton against 2 annas 3 pies in 1894-95. Details will be found in Appendix J and J(i). Dredging by manual labour had to be resorted to at Negapatam, but arrangements were made for constructing a bucket dredger at the Calcutta Dockyard.

12. Accounts. The opening balance of Port Funds under Act X of 1889 on the 1st April 1895 amounted to Rs. 7,32,656. The receipts during the year were Rs. 4,39,931 and the charges Rs. 5,13,336, not Rs. 4,79,436 as mentioned by the Presidency Port Officer in para 23 of his review. The difference is probably due to the contribution of Rs. 33,900 (vide para 24) made to the Madras Harbour Trust Board. The closing balance on the 31st March 1896 was Rs. 6,59,251. The revenue and expenditure during the previous year amounted to Rs. 4,35,871 and Rs. 5,76,744 respectively. The transactions of all the District Ports except Tinnevelly, Vizagapatam, Godavari, Nellore, Chingleput and Malabar resulted in a deficit during the year, due to the adjustment against their funds of a heavy charge of Rs. 1,12852 on account of the dredger "Wenlock".

Appendix C

vide p 21 of previous year's report. Rs 33400 transferred to Madras Harbour Trust

There

There was also a large deficit in Tinnevelly for which the new pier at Tuticorin is mainly responsible. Government securities of the nominal value of Rs. 33,900 were transferred by the port of Madras to the Harbour Trust Board, ~~xxxxxxxxxxxxxxxx~~. The surplus balance of the port at the end of the year amounted to Rs. 35,106-5-0. Out of this sum Rs. 2,063-7-4 will have to be made over to the Madras Pilotage Funds to cover its deficit balance on the 31st March 1896 and the balance Rs. 33,042-13-8 transferred to the Harbour Trust Board as contribution for 1895-96. The requisite instructions for the adjustment of these amounts will be issued after the figures are verified by the Accountant-General. The following statement shows the financial position of Port Funds at the beginning and close of the year.

	Madras	Ports of the Eastern Group	Ports of the Western Group	Total
Opening balance on the 1st April 1895.	278575	85582	368749	732656
Receipts during 1895-96. - - - -	126199	195852	117880	439931
Charges during - do - - - -	124993	268879	119464	513336
Closing balance on the 31st March 1896.	279581	12505	367165	659251

13. The financial position of the Pilotage Funds under Act X of 1889 and of Landing and Shipping Dues under Act III of 1885, will be seen from the following statement. Appendix C

	Opening balance on 1-4-95.	Receipts during 1895-96	charges during 1895-96	closing balance on 31-3-96.
Pilotage Funds under Act X of 1889.	58,394	48,024	38,201	68,217
Landing and Shipping Dues under Act III of 1885.	1,32,050	72,101	71,485	1,32,666

The transactions of the Madras Port under Pilotage Funds resulted during the year in a deficit of Rs. 2063-7-4. At Mangalore there was a deficit of Rs. 12-8-0 while at Pamban and Cochin there was a ~~small~~ surplus.

14. Under Landing and Shipping Dues, the ports of Vizagapatam, Masulipatam and Mangalore had a surplus balance, while Cocanada and Negapatam had each a deficit. The deficit at the former port was in a great measure due to charges on account of the new groynes which amounted to Rs. 28,558, and that at Negapatam to the adjustment of the cost of the new dredger built at the Government Dockyard at Calcutta. Details of receipts, charges and the financial position of the Port and Marine Funds are given in Appendices C, C(i) & C(ii) of the Presidency Port Officer's report.

15. The Presidency Port Officer will submit the usual statement prescribed in G.O. No. 28 Marine dated 30th January 1890 after verification by the Accountant-General, and on its receipt the necessary transfers and adjustments will be sanctioned in the

the Financial Department.

16. In future reports, the works carried out by the agency of the Marine Department should be noticed.

17. Deputy Conservator of the Port of Madras. The report of the Deputy Conservator of the Port of Madras which has been reproduced in this review has already been dealt with by Government in G.O.No.602 Marine, dated 4th September 1896.

18. Agent for Government Consignments. The number of packages landed and shipped during the year amounted to 83,898 weighing 6,205 tons against 98,121 weighing 6,622 tons in 1894-95. The subjoined statement compares the imports and exports during 1895-96 with those for the two previous years:-

Appendices A and B of the Agent's letter forming part of report incorporated in the P.C.'s report and pages 41 & 42.

	Import		Export		Total	
	Packages	Tons	Packages	Tons	Packages	Tons
1893-94.	56,606	5,077½	29,753	2,653	86,359	7,730½
1894-95.	72,539	4,355	25,582	2,267	98,121	6,622
1895-96	51,125	4,048	32,773	2,157	83,898	6,205

The decrease under imports during the year was due to a falling off in consignments for the P.W. and Ordnance Departments, and the increase in the number of packages under export is attributed to large shipments of telegraph stores transferred to Calcutta and Burma.

2/12/96

To

The PResy. Port Officer.
,, C.H.T.B.
,, C. Chamber of Commerce
,, P.W.Dept.
,, Rev.Dept.
,, Finl.Dept.
,, Accountant-General.

14/12/96

C.S.

M.Re. 2/12 R 7/12

Marine (1896) Department.

CURRENT- No. 1158

18

Order

From,

The Presidency Post Office, Madras

No. 1813/329 G

Dated 16th October 1896.

Received 17-10-96 Depts: 26.10.96

Enclosures

Spare copies 3.

SUBJECT.

Forwarding Administration Report of the Madras Port Department for the official year 1895-96.

Note

One copy Report sent to the Public Dept. for the General administration Report.

R.S. 3-Nov-96

C.S. on account

BACK PAPERS.

G.O.	No.	Department.	Date.
334	Cby	Mar	14-11-95.
S.O.	602-3	Marine	4-9-96 ✓
"	425	"	13-6-96 ✓
"	245-6	"	8-4-96 ✓
"	225	"	1-4-96 ✓
"	334	"	14-11-95 ✓
"	292	"	4-10-95 ✓
"	28	"	30-1-96 ✓

FURTHER PAPERS.

G.O.	No.	Department.	Date.

PRESY. PORT OFFICE, MADRAS,
16th October, 1896.

No. 1813/329 G.

FROM

Commander H. A. STREET, R.I.M.,
PRESIDENCY PORT OFFICER,

To

THE SECRETARY TO GOVERNMENT,
MARINE DEPARTMENT.

SIR,

I have the honour to forward herewith the Report on the Administration of the Madras Port Department (including the reports of the Agent for Government Consignments and Deputy Conservator of the Port of Madras) for the official year 1895–96.

I have the honour to be,
Sir,
Your obedient servant,

With 3 spare copies.

H. A. Street

Comdr., R.I.M.
Presidency Port Officer.

ENCLOSURE.

REPORT ON THE ADMINISTRATION OF THE MADRAS PORT DEPARTMENT FOR THE OFFICIAL YEAR 1895–96.

Official Staff.—Commander W. J. Powell, Presidency Port Officer, retired on 15th February 1896, and was succeeded by Commander H. A. Street, R.I.M. Mr. W. S. Carlyon, Port Officer, Mangalore, and Mr. J. M. Simpson, Port Officer, Gopalpur, were permitted to exchange ports by mutual consent. Temporary changes in the gazetted staff of the department during the year are noticed in Appendix H.

Act X of 1889.—The limits of the port of Coondapoor in South Canara fixed in 1881 were altered, and revised limits fixed during the year under report. The port limits of Masulipatam were also altered.

Under section 4 (1) (*a*) the provisions of the Ports Act were extended to the port of Ferokh in the district of Malabar, and the necessary notifications issued in respect to port limits, the appointment of a Conservator for the port, levy of Port dues, introduction of Port rules, &c.

Port dues rates were fixed in the year for Ganjám port, in the district of Ganjám, and for the ports of Vembar and Pattanamaradur in Tinnevelly district.

Under section 6 (1) (*j*) new rates were fixed for the storage of cargo in the goods shed at Tuticorin.

Rates were fixed for lands within port limits at Ponáni rented for use by private individuals.

Rules for working the port crane at Mangalore were issued and rates fixed for the use of the crane.

Act IV of 1884.—Some alterations were made in the rules for regulating the transport and importation of explosives in the port of Madras.

(Madras) Acts V of 1863 *and VII of* 1871.—The provisions of these Acts were extended to the new iron screw-pile pier at Tuticorin, rates fixed for goods, &c., passing over it, and bye-laws for working brought into force.

Acts X of 1841 *and XI of* 1850.—Eighty-seven native craft were registered and 200 changes of masters endorsed on registry certificates. The total amount of fees realized under both heads was Rs. 1,294–8–0 against Rs. 1,245–15–0 in the previous year, showing an increase. For details see Appendices F and G.

Act I of 1859.—Details of engagements and discharge of seamen are given in Appendix K.

Passenger Traffic, general, and under the Native Passenger Ships Act.—By vessels that came under the operation of the Native Passenger Ships Act, 18,430 passengers left the coast on "long" voyages, and 135,809 on "short" voyages. Details of general passenger traffic are given in Appendix I. 220,937 passengers in general arrived on the coast, and 249,899 sailed therefrom. The increase in departures is large, and due, probably, to advantage having been taken of the regular daily steam service now maintained between Tuticorin and Colombo. The largest passenger traffic was carried on at Tuticorin; Pámban and Negapatam come next.

Wrecks and Casualties.—For details see Appendix A. There were thirty casualties to shipping in the year against twenty-one in the previous year. There was no loss of life in any instance. The Austro-Hungarian steamer *Thisbe* which went aground near the Sacramento Shoal had to be abandoned as a total loss. A special court of inquiry was held in this case at Cocanada.

Boat—supply at the coast ports was sufficient to meet requirements—see Appendix L.

Weather.—Cyclonic weather was experienced at Masulipatam and Cocanada on 5th September 1895, but it passed away without doing any material damage. The Madras Cyclone Code underwent a further revision in the year.

Dredging Operations.—At Cocanada one of the two Priestman dredgers was employed for 183 days in the year, on the bar, at the mouth of the river and alongside the wharves, removing 63,883 tons of silt at an average working expense of As. 1-2 per ton; the other dredger was similarly employed for 241 days in the year, removing 80,961 tons of silt at an average working expense of As. 1-1 per ton. For the remainder of the year the dredgers in each case were laid up for repairs to the hull and machinery and annual overhauling. For details of dredging work at Cocanada and Cuddalore, see Appendices J and J (i).

Service Registers—have been maintained as required.

Stores.—An inventory of valuable stock has been maintained.

Navigation, Tonnage and Dues.—Details are given in Appendix B. The following is a statement of the number of vessels, their tonnage, and the dues collected thereon in the whole Presidency:—

Ports.	Vessels.	Number.	Tonnage.	Dues.	Remarks.
				Rs.	
Madras ..	British—				Men-of-war, Government ships, and vessels that called for orders only, are not included; hence the variation between the figures here and those in the Deputy Port Conservator's report.
	Coasting	330	561,619	36,433	
	Other than coasting	236	517,871	68,117	
	Foreign	91	136,612	14,597	
	Native	85	9,324	618	
	Total ..	742	1,225,426	1,19,765	
Coast Ports ..	British—				
	Coasting	3,639	4,895,505	1,63,947	
	Other than coasting	326	448,883	35,492	
	Foreign	1,059	163,943	17,017	
	Native	20,837	746,972	25,745	
	Total ..	25,861	6,255,303	2,42,201	

Compared with the figures of the previous year, there was, in respect to the port of Madras, in the case of—

(*a*) British coasting vessels,
(*b*) British vessels other than coasting,
(*c*) Foreign vessels,
(*d*) Native vessels,
} an increase in number, tonnage and dues.

Taking the aggregate tonnage that entered the port, or the tonnage of each call, irrespective of exemptions under the limit within which dues are payable in accordance with the schedule, class (*a*) contributed one anna per ton port dues; class (*b*) As. 2–1; class (*c*) As. 1–9; and class (*d*), As. 1–1.

The payments at Madras averaged thus from 12 to 25 pies per ton.

Similarly compared there was, in respect to coast ports, in the case of—

(*a*) British Coasting vessels, a decrease in number, tonnage and dues; and in the case of all other classes of vessels an increase in number, tonnage and dues.

Class (*a*) contributed 6 pies per ton port dues; class (*b*) As. 1–3; class (*c*) As. 1–8; and class (*d*) 7 pies. The payments at the coast ports averaged thus from 6 to 20 pies per ton.

Trade.—The following is a statement of the value of, and duty on, the import and export trade of the principal ports in the Presidency, exclusive of Government stores, and Government and private treasure.

Ports.	Tons.	Value of		Duty on		Total.
		Imports.	Exports.	Imports.	Exports.	
		Rs.	Rs.	Rs.	Rs.	Rs.
Madras	1,225,426	6,28,26,933	12,89,25,460	30,23,722	1,281	30,25,003
Tuticorin	511,590	1,08,45,486	1,87,94,927	1,15,675	9,662	1,25,337
Cochin	579,380	1,01,97,596	1,61,53,815	44,378	95	44,473
Calicut	514,709	86,11,911	1,25,96,329	39,522	12	39,534
Cocanada	566,319	33,30,069	1,53,88,881	13,706	48,577	62,283
Mangalore	238,296	44,08,450	1,27,95,498	24,307	4,246	28,553
Telicherry	334,513	42,99,655	83,44,854	13,679	..	13,579
Negapatam	476,922	42,28,955	47,29,910	77,688	1,03,195	1,80,883
Bimlipatam	402,316	25,76,966	61,44,611	2,688	..	2,688
Cuddalore	344,164	6,48,986	57,69,169	1,754	1,911	3,665
Vizagapatam	444,381	9,77,520	38,83,221	2,684	..	2,684
Gopalpur	187,975	13,08,903	29,06,701	2,426	2,265	4,691
Cannanore	237,736	21,50,028	22,55,483	3,069	..	3,069
Masulipatam	259,496	11,02,976	11,02,928	4,110	64,549	68,659
Calingapatam	172,402	2,27,181	18,90,946	35	19	54
Porto Novo	62,071	2,92,714	9,19,167	11,235	34,406	45,641
Pamban	98,866	64,65,939	7,22,332	2,602	24	2,626
All other Coast Ports ..	824,586		6,69,466	19,870	1,66,142	1,86,012
	1,165,716	7,15,21,088	1,83,59,987	26,20,108	21,271	26,41,379
Madras { 1894-95 ..	1,225,426	6,28,26,933	13,07,53,897	30,23,722	1,281	30,25,003
Madras { 1895-96 ..			12,89,25,460			
Increase ..	59,711	86,94,155		4,03,614	19,990	3,83,624
Decrease ..	..	..	68,65,708	..	..	..
			18,28,447			
Coast ports { 1894-95 ..	6,228,691	5,69,19,560	12,17,88,674	3,18,746	5,52,892	8,71,638
Coast ports { 1895-96 ..	6,255,303	6,18,49,693	11,96,26,117	3,79,228	4,35,103	8,14,331
Increase ..	26,612	49,30,138	27,67,581	60,482	..	57,307
Decrease ..	..	..	21,62,557	..	1,17,789	

Tuticorin again stands first among the coast ports in point of importance of the trade carried on in the year. The other ports rank next in importance in the order in which they are shown in the foregoing statement.

Coast Ports.

Gopalpur.—Cargo boats capsized on thirty-two occasions, but there was no loss of life.

Cocanada.—Conservancy Board held twelve meetings in the year; there was a decrease in the dues levied under Madras Act III of 1885, due to smaller import of railway material in the year; the tug *Godavari* was docked and repaired; dredging work at this port is noticed elsewhere; a further extension of the groynes here is under consideration.

Negapatam.—~~Hand-dredging~~ *Dredging by manual labour* had frequently to be resorted to in order to remove the silting in the river; arrangements were made for constructing at the Calcutta Dockyard a bucket dredger for Negapatam.

Pamban.—The Sand Bank channel having again silted up, arrangements were made for clearing silt with the aid of the dredger *Wenlock*.

Tuticorin.—Reclamation of the foreshore was completed; the new iron screw pile pier was completed and taken over.

Tellicherry.—Owing to serious encroachment of the sea, the construction of a sea wall in front of the custom house was sanctioned about the close of the year, and the work afterwards completed.

Mangalore.—The bar and entrance were periodically surveyed in connection with schemes for port improvements which are under consideration.

The flagstaves, buoys, beacons, &c., at the several coast ports were maintained in an efficient state. In view of the increase in the number of coasting steamers calling at Ponani, that port was provided with a flagstaff and the necessary establishment for signalling to the shipping. The usual annual inspection of ports was made by the Presidency Port Officer.

Accounts.

The abstract of Appendix B furnishes particulars of Port Dues collections made during the year from the several classes of vessels at Madras and at the ports in the Eastern and Western groups.

Appendix C is a statement showing the financial position of the Port and Marine funds on the 31st March 1896.

Port Funds (*Act X of* 1889).

Receipts.—The receipts for 1895-96 were Rs. 4,39,931 against Rs. 4,35,871 of the previous year.

Out of Rs. 26,455 collected as fees, a sum of Rs. 5,584 was paid as personal allowances to Port officers and Conservators, and another sum Rs. 9,417 as overtime fees for officers and establishment. There was thus a saving of Rs. 11,454 under this head of receipt.

Charges.—The charges for the year were Rs. 4,79,436 and included an expenditure of Rs. 1,12,852 on account of dredger "Wenlock" from 1891-92 debited to Port Funds Act (X of 1889) as General Charges in accordance with G.O., No. 586, Financial, dated 13th August 1895. The charges of the previous year were Rs. 5,76,744, which included Rs. 1,87,913, being contribution to the Harbour Trust Board, Madras, and investments in Government Securities (*vide* G.O., No. 334, Marine, dated 14th November 1895, page 21).

Appendix C (iii) furnishes particulars of general receipts and general charges, and the statement that accompanied this office letter No. 1813/324 G, dated 26th September 1896, furnishes particulars of lighthouse charges.

The adjustment of a heavy charge on account of dredger "Wenlock" from 1891-92 against the several District Port Funds has seriously affected their financial position during the year.

With the exception of Vizagapatam, Gódávari, Nellore, Chingleput and Malabar, the transactions of the other District Port Funds resulted in a deficit. The large deficit in Tinnevelly is due to heavy charges on account of the new pier which amounted to Rs. 58,229 during the year, and also to charges on account of the dredger "Wenlock."

Madras.—Government securities of the nominal value of Rs. 33,900 belonging to the Madras port were transferred to the Harbour Trust Board during the year, in accordance with G.O., No. 1067, Financial, dated 5th December 1894. Out of the surplus balance of the year, *i.e.*, Rs. 35,106-5-0, a sum of Rs. 2,063-7-4 will have to be made over to the Madras Pilotage funds to cover its deficit balance on the 31st March 1896, and the balance, Rs. 33,042-13-8, transferred to the Harbour Trust Board, Madras, as Port fund contribution for 1895-96.

Appendices C (vi-*a*) and C (vi-*b*) furnish particulars of the *plus* and *minus* entries to be made in the accounts of the Accountant-General in connection with the distribution of coasting steamers dues, general receipts, general charges and light-house charges.

The closing balance of Port Funds (Act X of 1889) on the 31st March 1896 was Rs. 6,59,251 against Rs. 7,32,656 on the same date in the previous year, the large decrease being due to adjustment during 1895-96 of dredger "Wenlock's" charges from 1891-92 as noticed above.

Pilotage Funds (*Act X of* 1889).

The transactions of the Madras Pilotage fund during the year resulted in a deficit of Rs. 2,063-7-4, and this was due to increased rate of pay drawn for the Harbour Masters.

At Mangalore there was a small deficit of Rs. 12-8-0, which calls for no special remarks.

At each of the other ports, *i.e.*, Pámban and Cochin, where a similar fund exists, there was a surplus during the year.

Landing and Shipping Dues (*Act III of* 1885).

At the ports of Vizagapatam, Masulipatam and Mangalore where this Act is in force, there was a surplus during the year.

At Cocanada, the deficit of Rs. 11,923 was, in a great measure, due to charges on account of the new groynes which amounted to Rs. 28,558 during the year.

The small deficit at Negapatam was due to adjustment of cost of the new dredger incurred up to 31st March 1896 by the Government Dockyard at Calcutta.

Summary.

Compared with the previous year's figures there was at Madras, in the year under report an increase in number, tonnage and dues in all classes of vessels that called; at coast ports a decrease in number, tonnage and dues of British coasting vessels, and an increase in the case of all other vessels.

Seven hundred and forty-two vessels of 1,225,426 tons (total) called at Madras in 1895-96 paying Rs. 1,19,765 port dues. At the coast ports 25,861 vessels of 6,255,303 tons (total) called, paying Rs. 2,42,201.

The payments in dues averaged from 12 to 25 pies per ton at Madras and from 6 to 20 pies per ton at coast ports.

The largest passenger traffic was carried at the following ports, viz., Tuticorin (72,856 arrivals and 77,009 departures); Pámban (29,104 arrivals and 51,701 departures); Negapatam (24,116 arrivals and 25,581 departures).

Among the coast ports Tuticorin again heads the list in regard to import and export trade.

In the total amount of duty collected there has been an increase both at the coast ports and at Madras, but in export duty, taken separately, there has been a large decrease at Madras, owing to fewer shipments of rice in the year from this port to Colombo.

The number of casualties to shipping was 30 in the year against 21 in the previous year. The most important was the accident to the Austro-Hungarian steamer "Thisbe" which became a total loss near the Sacramento Shoal.

APPENDIX A.

Statement of Wrecks and Casualties which have occurred, or have been reported, at Ports in the Madras Presidency during the official year 1895-96.

Date.	Name of Vessel.	Tonnage.	Summary of particulars furnished by the reporting officer.	Finding of Court of Inquiry.
	(*Stranding.*)			
1895. 28th April ..	British Barque *Grosvenor*; Master, Jones.	517	Stranded on the Sacramento Shoal but was floated off in a few hours without damage.	
	(*Stranding.*)			
30th „ ..	British Brig *Roohal Amanath*; Master, Mahar Ali.	156	Stranded on the South-east Coast of Rámeswaram through stress of weather and became a total loss.	
	(*Miscellaneous.*)			
2nd May ..	British Schooner *Ramaswamy*; Master, Fazer Ally.	118	Slightly touched the ground on the south bank of the Cochin river owing to strong tides, but safely got off.	
	(*Miscellaneous.*)			
3rd „ ..	British S.S. *Lalpoora*; Master, John Stone.	2,125	Ran on the Crocodile rock and was slightly damaged. Partial loss to cargo.	
	(*Stranding.*)			
12th „ ..	British Schooner *Syed Mohamed Bogarry*; Master, Lawrence Jacob.	52	Grounded inside Puma channel, Gulf of Mannar, but was floated off immediately without damage.	
	(*Stranding.*)			
24th „ ..	British Dhoney *Miramadam*; Master, Sinnakony.	66	Sustained a leak while rounding the Calimere Point and stranded at Pushpavanam, a village 2 miles north of *Toputurai*. Partial loss to vessel Rs. 300; and total loss to cargo, value Rs. 75.	
	(*Miscellaneous.*)			
1st June ..	British S.S. *Skidby*; Master, John Strachan.	2,421	*En route* from Cape Town to Madras, sustained damage to her propeller.	
	(*Stranding.*)			
23rd „ ..	Austrio-Hungarian S.S. *Thisbe*; Master, Rieteo Sussonich.	1,860	*En route* from Madras to Cocanada, grounded off Sacramento Shoal owing to a strong westerly current and became a total loss. Cargo was partially saved.	A Court of Inquiry was held at Cocanada on the 24th July 1895, and the court suggested the necessity for a good light in the vicinity of the Sacramento Shoal.
	(*Stranding.*)			
14th July ..	British S.S. *Vasna*; Master, E. G. Hacquoil.	482	Grounded on the northern side of the Pámban Pass by approaching too close to it, but got off soon without damage.	
	(*Stranding.*)			
25th „ ..	British Schooner *Fyzool Rubhanee*; Master, Assana Levai.	21	Having lost her rudder and yard, the vessel drifted on to the Seltivu rocks in the inner harbour, Tuticorin. Loss to the vessel, Rs. 64.	
	(*Stranding.*)			
28th „ ..	British Dhoney, No. 10; Master, Meeran Pillai.	22	Owing to a sudden squall, the boat capsized in the Tuticorin inner harbour. Partial loss to the Dhoney Rs. 20; to cargo Rs. 56.	
	(*Foundering.*)			
20th Sept. ..	British Schooner *Mohidin Sagool Hamid Bux*; Master, Mahomed Alliar.	34	Foundered east of Rámeswaram. Loss to vessel Rs. 500; cargo Rs. 200.	
	(*Stranding.*)			
29th Oct. ..	British Padow *Kasiprasad*; Master, Makow Bhana.	50	Drifted ashore at Varakal, north of Calicut, owing to rough sea. Total loss of vessel Rs. 2,500; partial loss of cargo Rs. 858.	
	(*Stranding.*)			
29th „ ..	British Batela *Rooparel*; Master, Dedia Ganesh.	43	Drifted ashore at Varakal near Calicut, owing to rough sea. Loss to the vessel Rs. 2,000, and to cargo Rs. 660.	

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APPENDIX A.

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	(*Miscellaneous.*)			
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3rd „ ..	British S.S. *Lalpoora*; Master, John Stone.	2,125	Ran on the Crocodile rock and was slightly damaged. Partial loss to cargo.	
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12th „ ..	British Schooner *Syed Mohamed Bogarry*; Master, Lawrence Jacob.	52	Grounded inside Puma channel, Gulf of Mannar, but was floated off immediately without damage.	
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1st June ..	British S.S. *Skidby*; Master, John Strachan.	2,421	*En route* from Cape Town to Madras, sustained damage to her propeller.	
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23rd „ ..	Austrio-Hungarian S.S. *Thisbe*; Master, Rieteo Sussonich.	1,860	*En route* from Madras to Cocanada, grounded off Sacramento Shoal owing to a strong westerly current and became a total loss. Cargo was partially saved.	A Court of Inquiry was held at Cocanada on the 24th July 1895, and the court suggested the necessity for a good light in the vicinity of the Sacramento Shoal.
	(*Stranding.*)			
14th July ..	British S.S. *Vasna*; Master, E. G. Hacquoil.	482	Grounded on the northern side of the Pámban Pass by approaching too close to it, but got off soon without damage.	
	(*Stranding.*)			
25th „ ..	British Schooner *Fyzool Rubhanee*; Master, Assana Lovai.	21	Having lost her rudder and yard, the vessel drifted on to the Seltivu rocks in the inner harbour, Tuticorin. Loss to the vessel, Rs. 64.	
	(*Stranding.*)			
28th „ ..	British Dhoney, No. 10; Master, Meeran Pillai.	22	Owing to a sudden squall, the boat capsized in the Tuticorin inner harbour. Partial loss to the Dhoney Rs. 20; to cargo Rs. 56.	
	(*Foundering.*)			
20th Sept. ..	British Schooner *Mohidin Sagool Hamid Bux*; Master, Mahomed Alliar.	34	Foundered east of Rámeswaram. Loss to vessel Rs. 500; cargo Rs. 200.	
	(*Stranding.*)			
29th Oct. ..	British Padow *Kasiprasad*; Master, Makow Bhana.	50	Drifted ashore at Varakal, north of Calicut, owing to rough sea. Total loss of vessel Rs. 2,500; partial loss of cargo Rs. 858.	
	(*Stranding.*)			
29th „ ..	British Batela *Rooparel*; Master, Dedia Ganesh.	43	Drifted ashore at Varakal near Calicut, owing to rough sea. Loss to the vessel Rs. 2,000, and to cargo Rs. 660.	

Statement of Wrecks and Casualties which have occurred, or have been reported, at Ports in the Madras Presidency, &c.—*cont.*

Date.	Name of Vessel.	Tonnage.	Summary of particulars furnished by the reporting officer.	Finding of Court of Inquiry.
1895.	(*Stranding.*)			
29th Oct. ..	British Padow *Ramprasad*; Master, Govind Mitla.	61	Drifted ashore at Varakal near Calicut, owing to rough sea. Total loss to vessel Rs. 3,000.	
	(*Stranding.*)			
30th ,, ..	British Padow *Hariprasad*; Master, Peethambar Narayan.	41	Drifted ashore at Varakal near Calicut, owing to rough sea. Partial loss to Padow Rs. 300.	
	(*Stranding.*)			
	British Padow *Godávary-prasad*; Master, Sukla Anji.	50	Drifted ashore at Varakal near Calicut, owing to rough sea. Partial loss to vessel Rs. 200.	
	(*Stranding.*)			
26th Nov. ..	British Dhoney, No. 25; Master, Mohidin Pitchai.	10	While coming through the western entrance of the harbour at Tuticorin, ran on the north-west ledge of the Seltivu rocks. Partial loss to vessel Rs. 200; cargo Rs. 150.	
	(*Stranding.*)			
8th Dec. ..	British Barque *Lord Harris*; Master, Ally Maricar.	579	While riding at anchor in the Nagore roadstead, parted her moorings owing to heavy sea and drifted ashore and broke up. Total loss to vessel Rs. 30,000.	
	(*Stranding.*)			
19th ,, ..	British S.S. *Lady Havelock*; Master, John C. Whitley.	322	Stranded off Shingle island while entering the port of Pamban and subsequently floated without damage.	
1896.	(*Stranding.*)			
5th Jan. ..	British S.S. *Vasna*; Master, E. G. Hacquoil.	482	Grounded in the Sand Bank channel, Pamban Pass, and subsequently floated without damage.	
	(*Stranding.*)			
9th ,, ..	British Schooner *Anantha Pooravy*; Master, K. Elliatomby.	86	Stranded by approaching too close to the land on a dark night at Mannaly Island, Gulf of Mannar, and floated subsequently. Partial loss to vessel Rs. 600; cargo Rs. 500.	
	(*Collision.*)			
24th ,, ..	British S.S. *Pieton*; Master, C. J. Payne.	1,527	Collided with a schooner (name unknown) 12 miles south-east from Souter Point light, but sustained no damage.	
	(*Stranding.*)			
27th ,, ..	British Muchwa *Darya Salamathy*; Master, Mogerkoraga.	21	While at anchor off Hangaracotta, South Canara, the vessel parted her moorings owing to streng northerly wind, drifted ashore and broke up. Loss to *Muchwa* Rs. 500.	
	(*Stranding.*)			
18th Feb. ..	Japanese S.S. *Idzumi Maru*; Master, J. W. Renny.	2,090	While approaching the Tuticorin anchorage in a dark night, the vessel took the ground off Hare Island, but was afterwards floated, without material damage to the vessel.	
	(*Miscellaneous.*)			
22nd ,, ..	British Muchwa *Ali Madath*; Master, Goolam Bin Hoosen Biary.	30	While off Malabar coast, the vessel sprung a leak when under weigh, by a sword fish striking the vessel on the Port side and splitting a plank. Partial loss to vessel Rs. 50; cargo Rs. 400.	
	(*Stranding.*)			
22nd ,, ..	British S.S. *Argus*; Master, E. Johnson.	1,822	Stranded on the Armeghon Shoal (Coromandel Coast), the master mistaking the Armeghon light for Seven Pagodas light, but was floated without damage.	
	(*Stranding.*)			
1st March ..	British Muchwa *Dastagiri*; Master, Isakji Ismael.	23	While off Shirur, South Canara, the vessel ran against a rock and sprang a leak. Partial loss to vessel Rs. 300; cargo Rs. 400.	
	(*Stranding.*)			
2nd ,, ..	British Cotia *Khataopasa*; Master, Salai Ebram.	132	While crossing the Beypore Bar the vessel took the ground, and became a total loss valued at Rs. 9,000.	

Statement of Wrecks and Casualties which have occurred, or have been reported, at Ports in the Madras Presidency, &c.—*cont.*

Date.	Name of Vessel.	Tonnage.	Summary of particulars furnished by the reporting officer.	Finding of Court of Inquiry.
	(*Stranding.*)			
18th March ..	Portuguese Muchwa *Vittal Prasad*; Master, Ganesha.	27	While leaving against the flood, the vessel struck on the bar, Malpe harbour, and sprung a leak. Partial loss to vessel Rs. 500; cargo Rs. 75.	

ABSTRACT.

Year.	Number of casualties.					Number of lives lost.
	Stranding.	Foundering.	Collision.	Miscellaneous.	Total.	
	18	..	1	2	21	*Nil*
1894-95	24	1	1	4	30	..
1895-96				2	9	..
Increase ..	6	1	..	..	..	..
Decrease ..	..	..	..	..	..	..

APPENDIX B.

PARTICULARS of the Trade of the several districts of the Madras Presidency during the official year 1895–96.

Districts.	British vessels. Coasting steamers. Arrived. In ballast. Vessels.	Tonnage.	Dues.	With cargo. Vessels.	Tonnage.	Dues.	With passengers. Vessels.	Tonnage.	Dues.	Total. Vessels.	Tonnage.	Dues.
1	2	3	4	5	6	7	8	9	10	11	12	13
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. P. P.			Rs. A. P.
Ganjám	1	1,119	104 14 6	166	251,351	11,271 6 0	122	175,680	1,029 3 0	289	428,150	12,405 7 6
Vizagapatam	1	2,158	303 7 6	354	584,459	9,577 2 0	104	151,923	3,477 12 0	459	738,540	13,358 5 6
Gódávari	2	4,281	303 5 3	92	176,433	4,779 9 0	178	277,468	4,591 8 0	272	458,182	9,674 6 3
Kistna	8	14,199	504 12 0	45	66,921	2,168 10 0	105	154,209	5,075 4 0	158	235,329	7,748 10 0
Nellore	..	..	..	5	8,246	..	..	..	..	5	8,246	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	..	..	..	134	226,362	5,546 7 6	63	107,273	1,128 11 0	197	333,635	6,675 2 6
Tanjore	3	2,332	260 2 6	140	233,823	5,418 15 0	109	146,038	10,144 4 6	252	382,193	15,823 6 0
Madura	17	8,254	11 0 3	41	21,017	141 6 0	132	59,470	1,330 5 0	190	88,741	1,482 11 3
Tinnevelly	..	..	..	488	387,162	29,696 10 0	..	..	..	488	387,162	29,696 10 0
Total ..	32	32,343	1,487 10 0	1,465	1,955,774	68,600 1 6	813	1,072,061	26,776 15 6	2,310	3,060,178	96,864 11 0
Western Group.												
Malabar	1	2,870	..	585	1,093,354	52,454 3 0	184	346,614	7,950 1 0	770	1,442,838	60,404 4 0
South Canara	11	424	..	8	12,803	394 8 0	540	379,262	6,099 6 10	559	392,489	6,493 14 10
Total ..	12	3,294	..	593	1,106,157	52,848 11 0	724	725,876	14,049 7 10	1,329	1,835,327	66,898 2 10
Madras	2	3,394	473 6 0	328	558,225	35,960 0 6	..	..	..	330	561,619	36,433 6 6
Grand Total ..	46	39,031	1,961 0 0	2,386	3,620,156	1,57,408 13 0	1,537	1,797,937	40,826 7 4	3,969	5,457,124	2,00,196 4 4

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APPENDIX B—*cont.*

Districts.	British vessels—*cont.* Coasting steamers—*cont.* Left. In ballast. Vessels.	Tonnage.	Dues.	With cargo. Vessels.	Tonnage.	Dues.	With passengers. Vessels.	Tonnage.	*Dues.	Total. Vessels.	Tonnage.	Dues.
14	15	16	17	18	19	20	21	22	23	24	25	
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	..	..	..	163	248,141	..	126	180,009	..	289	428,150	..
Vizagapatam	2	2,337	..	353	584,280	..	104	151,923	..	459	738,540	..
Gódávari	..	..	..	91	175,268	..	179	279,047	..	270	454,315	..
Kistna	34	49,568	..	26	43,492	..	98	142,269	..	158	235,329	..
Nellore	..	..	..	5	8,246	..	..	..	..	5	8,246	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	..	..	..	158	269,314	..	39	64,321	..	197	333,635	..
Tanjore	4	4,546	..	157	252,825	..	92	124,994	..	253	382,365	..
Madura	31	15,982	..	33	17,076	184 2 0	126	55,683	..	190	88,741	184 2 0
Tinnevelly	..	..	..	489	387,663	..	..	..	..	489	387,663	..
Total ..	71	72,433	..	1,475	1,986,305	184 2 0	764	998,246	..	2,310	3,056,984	184 2 0
Western Group.												
Malabar	73	139,801	..	512	976,623	..	186	327,438	..	771	1,443,862	..
South Canara	10	108	..	9	13,119	..	540	379,262	..	559	392,489	..
Total ..	83	139,909	..	521	989,742	..	726	706,700	..	1,330	1,836,351	..
Madras	55	99,547	..	275	462,088	..	..	..	..	330	561,635	..
Grand Total ..	209	311,889	..	2,271	3,438,135	184 2 0	1,490	1,704,946	..	3,970	5,454,970	184 2 0

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APPENDIX B—*cont.*

British vessels—*cont.*

Other vessels (excluding coasting steamers).

Arrived.

Districts.	In ballast.			With cargo.			With passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	26	27	28	29	30	31	32	33	34	35	36	37
			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Eastern Group.												
Ganjám	..	..	..	3	4,559	500 11 0	..	..	..	3	4,559	500 11 0
Vizagapatam	31	49,679	4,587 12 9	32	53,615	4,806 7 0	..	..	..	63	103,294	9,394 3 9
Gódávari	16	20,335	2,860 11 9	26	41,140	6,299 14 6	2	3,506	511 0 6	44	64,981	9,671 10 9
Kistna	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	3	5,387	505 0 6	4	8,487	1,060 14 0	25	40,147	962 11 6	32	54,021	2,528 10 0
Tanjore	..	..	..	3	5,057	..	49	78,299	3,129 13 0	52	83,356	3,129 13 0
Madura	..	..	..	23	5,844	287 12 6	4	568	13 2 9	27	6,412	300 15 3
Tinnevelly	6	4,824	452 4 0	22	42,763	5,099 12 6	..	..	..	28	47,587	5,552 0 6
Total ..	56	80,225	8,405 13 0	113	1,61,465	18,055 7 6	80	122,520	4,616 11 9	249	364,210	31,078 0 3
Western Group.												
Malabar	1	65	3 0 9	56	52,079	3,099 0 0	15	31,819	1,234 15 0	72	83,963	4,336 15 9
South Canara	2	184	4 9 6	2	210	13 2 0	1	316	59 4 0	5	710	76 15 6
Total ..	3	249	7 10 3	58	52,289	3,112 2 0	16	32,135	1,294 3 0	77	84,673	4,413 15 3
Madras	6	10,859	1,213 10 3	230	507,012	66,903 1 9	..	..	..	236	517,871	68,116 12 0
Grand Total ..	65	91,333	9,627 1 6	401	720,766	88,070 11 3	96	154,655	5,910 14 9	562	966,754	103,608 11 6

APPENDIX B—*cont.*

British vessels—*cont.*

Other vessels (excluding coasting steamers)—*cont.*

Left.

Districts.	In ballast.			With cargo.			With passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	38	39	40	41	42	43	44	45	46	47	48	49
			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Eastern Group.												
Ganjám	..	..	..	3	4,559	..	..	..	..	3	4,559	..
Vizagapatam	3	5,258	..	60	97,629	..	..	..	..	63	102,887	..
Gódávari	..	..	..	46	68,181	..	2	3,506	..	48	71,687	..
Kistna	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	1	1,447	..	6	12,427	..	25	40,147	..	32	54,021	..
Tanjore	..	..	..	5	8,087	..	48	76,849	..	53	84,936	..
Madura	23	5,440	..	3	484	..	..	..	..	26	5,924	..
Tinnevelly	..	..	..	28	47,587	..	..	..	..	28	47,587	..
Total ..	27	12,145	..	151	238,954	..	75	120,502	..	253	371,601	..
Western Group.												
Malabar	6	1,037	..	48	53,508	..	17	27,803	..	71	82,348	..
South Canara	1	98	..	7	604	..	..	..	..	8	702	..
Total ..	7	1,135	..	55	54,112	..	17	27,803	..	79	83,050	..
Madras	51	107,390	..	186	410,699	..	..	..	..	237	518,089	..
Grand Total ..	85	120,670	..	392	703,765	..	92	148,305	..	569	972,740	..

APPENDIX B—*cont.*

Foreign vessels.

Arrived.

Districts.	In ballast.			With cargo.			With passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	50	51	52	53	54	55	56	57	58	59	60	61
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	1	2,136	300 6 0	..	..	..	..	..	..	1	2,136	300 6 0
Vizagapatam	1	2,465	231 1 6	1	2,136	200 4 0	..	..	..	2	4,601	431 5 6
Gódávari	2	2,521	354 8 3	6	9,293	1,110 13 6	3	7,082	1,327 14 0	11	18,896	2,793 3 9
Kistna	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	1	1,507	141 4 6	..	..	..	..	..	..	1	1,507	141 4 6
Tanjore	..	..	..	2	3,369	631 11 0	..	..	..	2	3,369	631 11 0
Madura	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly	2	1,916	179 10 0	6	12,175	1,527 14 0	..	..	..	8	14,091	1,707 8 0
Total ..	7	10,545	1,206 14 3	15	26,973	3,470 10 6	3	7,082	1,327 14 0	25	44,600	6,005 6 9
Western Group.												
Malabar	54	10,572	791 9 8	200	85,626	8,620 1 1	6	6,536	643 14 0	260	102,734	10,055 8 9
South Canara	410	5,536	112 3 6	344	10,747	833 13 1	20	326	10 6 0	774	16,609	956 6 7
Total ..	464	16,108	903 13 2	544	96,373	9,453 14 2	26	6,862	654 4 0	1,034	119,343	11,011 15 4
Madras	1	1,789	188 10 11	90	134,823	14,407 12 6	..	..	..	91	136,612	14,596 7 5
Grand Total ..	472	28,442	2,299 6 4	649	258,169	27,332 5 2	29	13,944	1,982 2 0	1,150	300,555	31,613 13 6

APPENDIX B—*cont.*

Foreign vessels—*cont.*

Left.

Districts.	In ballast.			With cargo.			With passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	62	63	64	65	66	67	68	69	70	71	72	73
Eastern Group.			Rs.			Rs.			Rs.			Rs.
Ganjám	..	..	..	1	2,136	..	..	..	..	1	2,136	..
Vizagapatam	..	..	..	2	4,601	..	..	..	..	2	4,601	..
Gódávári	..	..	..	8	11,814	..	2	4,296	..	10	16,110	..
Kistna	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	..	..	..	1	1,507	..	..	..	..	1	1,507	..
Tanjore	..	..	..	2	3,369	..	..	..	..	2	3,369	..
Madura	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly	..	..	..	7	12,060	..	..	..	..	7	12,060	..
Total ..	..	..	..	21	35,487	..	2	4,296	..	23	39,783	..
Western Group.												
Malabar	27	3,730	..	226	92,289	..	4	3,317	..	257	99,336	..
South Canara	244	2,983	..	537	13,797	..	7	155	..	788	16,935	..
Total ..	271	6,713	..	763	106,086	..	11	3,472	..	1,045	116,271	..
Madras	4	6,194	..	86	130,469	..	..	..	..	90	136,663	..
Grand Total ..	275	12,907	..	870	272,042	..	13	7,768	..	1,158	292,717	..

APPENDIX B—*cont.*

Native craft.

Arrived.

Districts.	In ballast.			With cargo.			With passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	74	75	76	77	78	79	80	81	82	83	84	85
			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Eastern Group.												
Ganjám	2	377	17 10 9	2	396	24 12 0	..	..	..	4	773	42 6 9
Vizagapatam	1	147	4 9 6	1	115	3 9 6	..	..	..	2	262	8 3 0
Gódávari	93	15,149	636 12 9	62	9,361	532 5 6	4	928	58 0 0	159	25,438	1,227 2 3
Kistna	226	20,802	680 15 5	238	10,545	396 6 5	..	..	..	464	31,347	1,077 5 10
Nellore	1	44	..	23	895	34 9 0	..	..	..	24	939	34 9 0
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	69	5,905	166 5 9	33	3,243	129 1 3	84	7,914	311 8 3	186	17,062	606 15 3
Tanjore	336	20,407	626 10 10	406	40,049	1,514 5 2	455	26,548	807 15 3	1,197	87,004	2,948 15 3
Madura	1,402	36,654	456 12 8	675	27,992	1,313 6 9	1,332	20,653	177 15 9	3,409	85,299	1,948 3 2
Tinnevelly	418	10,679	143 1 11	1,875	80,197	2,527 0 3	138	3,846	80 11 9	2,431	94,722	2,750 13 11
Total	2,548	110,164	2,732 15 7	3,315	172,793	6,475 7 10	2,013	59,889	1,436 3 0	7,876	342,846	10,644 10 5
Western Group.												
Malabar	2,298	90,582	3,128 4 5	5,284	202,916	8,185 11 1	311	13,803	824 0 7	7,893	307,301	12,138 0 1
South Canara	1,726	28,168	509 9 5	2,744	57,190	1,778 4 11	598	11,467	153 6 9	5,068	96,825	2,441 5 1
Total	4,024	118,750	3,637 13 10	8,028	260,106	9,964 0 0	909	25,270	977 7 4	12,961	404,126	14,579 5 2
Madras	6	713	43 1 8	79	8,611	575 10 0	..	..	..	85	9,324	618 11 8
Grand Total	6,578	229,627	6,413 15 1	11,422	441,510	17,015 1 10	2,922	85,159	2,413 10 4	20,922	756,296	25,842 11 3

APPENDIX B—*cont.*

Native craft—*cont.*

Left.

Districts.	In ballast.			With cargo.			With passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	86	87	88	89	90	91	92	93	94	95	96	97
			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Eastern Group.												
Ganjám	..	..	..	4	773	..	..	..	..	4	773	..
Vizagapatam	1	147	..	1	115	..	..	..	..	2	262	..
Gódávari	20	2,524	..	123	20,619	..	..	..	..	143	23,143	..
Kistna	39	1,509	..	433	29,452	..	..	..	..	472	30,961	..
Nellore	8	165	..	16	774	2 12 0	..	..	..	24	939	2 12 0
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	22	2,802	..	46	4,405	..	123	9,358	..	191	16,565	..
Tanjore	178	14,707	..	616	56,174	50 7 0	407	14,762	31 3 6	1,201	85,643	81 10 6
Madura	1,080	34,386	300 5 9	890	29,949	113 4 9	1,428	20,599	22 3 0	3,398	84,934	435 13 6
Tinnevelly	985	34,845	..	1,305	54,359	..	149	4,554	..	2,439	93,758	..
Total	2,333	91,085	300 5 9	3,434	196,620	166 7 9	2,107	49,273	53 6 6	7,874	336,978	520 4 0
Western Group.												
Malabar	1,687	58,639	..	6,063	246,942	..	259	9,481	..	8,009	315,062	..
South Canara	989	18,215	..	3,288	64,730	..	791	14,057	..	5,068	97,002	..
Total	2,676	76,854	..	9,351	311,672	..	1,050	23,538	..	13,077	412,064	..
Madras	42	4,488	..	39	4,162	..	..	..	..	81	8,650	..
Grand Total	5,051	172,427	300 5 9	12,824	512,454	166 7 9	3,157	72,811	53 6 6	21,032	757,692	520 4 0

APPENDIX B—*cont.*

Districts.	Total. — Arrived. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Dues.	Total. Vessels.	Total. Tonnage.	Total. Dues.
	98	99	100	101	102	103	104	105	106	107	108	109
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	4	3,632	422 15 3	171	256,306	11,796 13 0	122	175,680	1,029 3 0	297	435,618	13,248 15 3
Vizagapatam	34	54,449	5,126 15 3	388	640,325	14,587 6 6	104	151,923	3,477 12 0	526	846,697	23,192 1 9
Gódávari	113	42,286	4,155 6 0	186	236,227	12,722 10 6	187	288,984	6,488 6 6	486	567,497	23,366 7 0
Kistna	234	35,091	1,185 11 5	283	77,466	2,565 0 5	105	104,209	5,075 4 0	622	266,676	8,825 15 10
Nellore	1	44	..	28	9,141	34 9 0	..	..	..	29	9,185	34 9 0
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	73	12,799	812 10 9	171	238,092	6,736 6 9	172	155,334	2,402 14 9	416	406,225	9,952 0 3
Tanjore	339	22,739	886 13 4	551	282,298	7,564 15 2	613	250,885	14,082 0 9	1,503	555,922	22,523 13 3
Madura	1,419	44,908	467 12 11	739	54,853	1,742 9 3	1,468	80,691	1,521 7 6	3,626	180,452	3,731 13 8
Tinnevelly	426	17,419	774 15 11	2,391	522,297	38,851 4 9	138	3,846	80 11 9	2,955	543,562	39,707 0 5
Total ..	2,643	233,277	13,833 4 10	4,908	2,317,005	96,601 11 4	2,909	1,261,552	34,157 12 3	10,460	3,811,834	1,44,592 12 5
Western Group.												
Malabar	2,354	104,689	3,922 14 10	6,125	1,433,875	72,358 15 2	516	398,772	10,652 14 7	8,995	1,936,836	86,934 12 7
South Canara	2,149	34,312	626 6 5	3,098	80,950	3,019 12 0	1,159	391,371	6,322 7 7	6,406	506,633	9,968 10 0
Total ..	4,503	138,401	4,549 5 3	9,223	1,514,925	75,378 11 2	1,675	790,143	16,975 6 2	15,401	2,443,469	96,903 6 7
Madras	15	16,755	1,918 12 10	727	1,208,671	1,17,846 8 9	..	..	..	742	1,225,426	1,19,765 5 7
Grand Total ..	7,161	388,433	20,301 6 11	14,858	5,040,601	2,89,826 15 3	4,584	2,051,695	51,153 2 5	26,603	7,480,729	3,61,261 8 7

APPENDIX B—*cont.*

Districts.	Total—*cont.* — Left. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Dues.	Total. Vessels.	Total. Tonnage.	Total. Dues.
	110	111	112	113	114	115	116	117	118	119	120	121
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	..	..	..	171	255,609	..	126	180,009	..	297	435,618	..
Vizagapatam	6	7,742	..	416	686,625	..	104	151,923	..	526	846,290	..
Gódávari	20	2,524	..	268	275,882	..	183	286,849	..	471	565,255	..
Kistna	73	51,077	..	459	72,944	..	98	142,269	..	630	266,290	..
Nellore	8	165	..	21	9,020	2 12 0	..	..	..	29	9,185	2 12 0
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	23	4,249	..	211	287,653	..	187	113,826	..	421	405,728	..
Tanjore	182	19,253	..	780	320,455	50 7 0	547	216,605	31 3 6	1,509	556,313	81 10 6
Madura	1,134	55,808	300 5 9	926	47,509	297 6 9	1,554	76,282	22 3 0	3,614	179,599	619 15 6
Tinnevelly	985	34,845	..	1,823	501,669	..	149	4,554	..	2,963	541,068	..
Total ..	2,431	175,663	300 5 9	5,081	2,457,366	350 9 9	2,948	1,172,317	53 6 6	10,460	3,805,346	704 6 0
Western Group.												
Malabar	1,793	203,207	..	6,849	1,369,362	..	466	368,039	..	9,108	1,940,608	..
South Canara	1,244	21,404	..	3,841	92,250	..	1,338	393,474	..	6,423	507,128	..
Total ..	3,037	224,611	..	10,690	1,461,612	..	1,804	761,513	..	15,531	2,447,736	..
Madras	152	217,619	..	586	1,007,418	..	..	..	..	738	1,225,037	..
Grand Total ..	5,620	617,893	300 5 9	16,357	4,926,396	350 9 9	4,752	1,933,830	53 6 6	26,729	7,478,119	704 6 0

Abstract of Appendix B.

—	1895–96.								1894-95.		1893–94.	
	Madras.		Eastern Group.		Western Group.		Total.					
Class of Vessels.	NUMBER.	TONNAGE.	NUMBER.	TONNAGE.	NUMBER.	TONNAGE.	NUMBER.	TONNAGE.	NUMBER.	TONNAGE.	NUMBER.	TONNAGE.
British .. .. Coasting steamers..	330	561,619	2,310	3,060,178	1,329	1,835,327	3,969	5,457,124	4,155	5,526,310	3,842	5,603,480
British .. .. Other vessels ..	236	517,871	249	364,210	77	84,673	562	966,754	525	879,572	494	852,622
Foreign vessels	91	136,612	25	44,600	1,034	119,343	1,150	300,555	828	278,619	719	227,613
Native do.	85	9,324	7,876	342,846	12,961	404,126	20,922	756,296	20,253	709,905	19,778	692,658
Total ..	742	1,225,426	10,460	3,811,834	15,401	2,443,469	26,603	7,480,729	25,761	7,394,406	24,833	7,376,373
Dues collected.	RS.		RS.		RS.		RS.		RS.		RS.	
British .. .. Coasting steamers..	36,433		97,049		66,898		2,00,380		1,97,331		1,97,585	
British .. .. Other vessels ..	68,117		31,078		4,414		1,03,609		96,282		91,788	
Foreign vessels	14,597		6,005		11,012		31,614		27,154		24,520	
Native do.	618		11,165		14,580		26,363		24,351		23,087	
Total ..	1,19,765		1,45,297		96,904		3,61,966		3,45,118		3,36,980	

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APPENDIX C.

STATEMENT showing the financial position of the Port and Marine Funds of the Madras Presidency on the 31st March 1896.

Funds.	Balance on the 1st April 1895.				Transactions during 1895–96.			
					Receipts.			
	Cash.	Government securities.	Loans, *i.e.*, sums lent +, sums borrowed —.	Total.	Cash.	Government securities.	Loans repaid.	Total.
1	2	3	4	5	6	7	8	9
	RS. A. P.	RS.	RS.	RS. A. P.	RS. A. P.	RS.	RS.	RS. A. P.
ACT X OF 1889.								
Port Funds.								
Ganjám	348 9 8	..	— 1,89,400	— 1,89,051 6 4	15,994 13 5	..	..	15,994 13 5
Vizagapatam	8,906 7 9	1,03,000	..	1,11,906 7 9	40,582 0 6	..	..	40,582 0 6
Gódávari	9,147 14 2	17,000	..	26,147 14 2	30,794 7 11	..	..	30,794 7 11
Kistna	— 6,105 0 7	..	— 4,000	— 10,105 0 7	10,803 14 1	..	..	10,803 14 1
Nellore	1,765 2 1	10,000	..	11,765 2 1	856 11 7	..	..	856 11 7
Chingleput	874 13 8	7,000	..	7,874 13 8	655 11 9	..	..	655 11 9
South Arcot	5,672 0 2	21,000	..	26,672 0 2	17,122 12 3	..	..	17,122 12 3
Tanjore	2,910 10 10	..	— 7,000	— 4,089 [illegible] 2	22,556 11 3	..	..	22,556 11 3
Madura	— 8,006 1 10	..	..	— 8,006 1 10	8,405 15 0	..	..	8,405 15 0
Tinnevelly	69,417 4 3	43,000	..	1,12,417 4 3	48,079 2 9	..	..	48,079 2 9
Total, Eastern Group ..	84,931 12 2	2,01,000	— 2,00,400	85,531 12 2	1,95,852 4 6	..	..	1,95,852 4 6
Malabar	56,796 15 6	2,40,000	+ 16,500	3,13,296 15 6	96,595 6 6	..	..	96,595 6 6
South Canara	11,451 11 3	44,000	..	55,451 11 3	21,284 3 8	..	..	21,284 3 8
Total, Western Group ..	68,248 10 9	2,84,000	+ 16,500	3,68,748 10 9	1,17,879 10 2	..	..	1,17,879 10 2
Madras	44,075 3 7	33,900	+ 2,00,400	2,78,375 3 7	1,26,199 7 4	..	..	1,26,199 7 4
Grand Total ..	1,97,255 10 6	5,18,900	+ 16,500	7,32,655 10 6	4,39,931 6 0	..	..	4,39,931 6 0
ACT X OF 1889.								
Pilotage Funds.								
Madras	213 1 5	50,000	..	50,213 1 5	31,610 11 10	..	..	31,610 11 10
Pámban and Kilakarai	— 5,410 10 5	..	..	— 5,410 10 5	12,798 9 8	..	..	12,798 9 8
Cochin	1,607 9 8	12,000	..	13,607 9 8	3,305 7 2	..	..	3,305 7 2
Mangalore	— 15 15 7	..	..	— 15 15 7	309 8 0	..	..	309 8 0
Total ..	— 3,605 14 11	62,000	..	58,394 1 1	48,024 4 8	..	..	48,024 4 8
ACT III OF 1885.								
Landing and Shipping Dues.								
Vizagapatam	16,607 3 4	..	..	16,607 3 4	10,596 14 3	..	..	10,596 14 3
Cocanada	59,621 15 4	..	— 16,500	43,121 15 4	41,199 10 3	..	..	41,199 10 3
Masulipatam	3,333 12 5	5,000	..	8,333 12 5	3,045 1 0	..	..	3,045 1 0
Negapatam	48,058 8 4	..	..	48,058 8 4	8,644 12 0	..	..	8,644 12 0
Mangalore	15,928 10 10	..	..	15,928 10 10	8,614 9 5	..	..	8,614 9 5
Total ..	1,43,550 2 3	5,000	— 16,500	1,32,050 2 3	72,100 14 11	..	..	72,100 14 11
Grand Total, Act X of 1889 and III of 1885 ..	3,37,199 13 10	5,85,900	..	9,23,099 13 10	5,60,056 9 7	..	..	5,60,056 9 7

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APPENDIX C—*cont.*

Statement showing the financial position of the Port and Marine Funds of the Madras Presidency on the 31st March 1896—*cont.*

Funds.	Transactions during 1895-96—*cont.* Charges. Cash.	Government securities.	Loans repaid.	Total.	Difference between receipts and charges (9) (13).	Balance on 31st March 1896. Cash.	Government securities.	Loans, *i.e.*, sums lent +, sums borrowed —.	Total (5) + (14).
	10	11	12	13	14	15	16	17	18
	Rs. A. P.	Rs.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs.	Rs. A. P.
ACT X OF 1889.									
Port Funds.									
Ganjám	21,413 9 11	..	..	21,413 9 11	— 5,418 12 6	— 5,070 2 10	..	— 1,89,400	— 1,94,470 2 10
Vizagapatam	40,267 3 0	..	..	40,267 3 0	314 13 6	9,221 5 3	1,03,000	..	1,12,221 5 3
Gódávari	30,653 14 1	..	..	30,653 14 1	140 9 10	9,288 8 0	17,000	..	26,288 8 0
Kistna	19,077 4 5	..	..	19,077 4 5	— 8,273 6 4	— 14,378 6 11	..	— 4,000	— 18,378 6 11
Nellore	326 12 2	..	..	326 12 2	529 15 5	2,295 1 6	10,000	..	12,295 1 6
Chingleput	..	..	..	..	655 11 9	1,530 9 5	7,000	..	8,530 9 5
South Arcot	18,792 10 2	..	..	18,792 10 2	— 1,669 13 11	4,002 2 3	21,000	..	25,002 2 3
Tanjore	29,668 15 8	..	..	29,668 15 8	— 7,112 4 5	— 4,201 9 7	..	— 7,000	— 11,201 9 7
Madura	15,966 3 0	..	..	15,966 3 0	— 7,560 4 0	— 15,566 5 10	..	..	— 15,566 5 10
Tinnevelly	92,712 13 8	..	..	92,712 13 8	— 44,633 10 11	24,783 9 4	43,000	..	67,783 9 4
Total, Eastern Group	2,68,879 6 1	..	..	2,68,879 6 1	— 73,027 1 7	11,904 10 7	2,01,000	— 2,00,400	12,504 10 7
Malabar	94,907 5 11	..	..	94,907 5 11	1,688 0 7	58,485 0 1	2,40,000	+ 16,500	3,14,985 0 1
South Canara	24,556 9 2	..	..	24,556 9 2	— 3,272 5 6	8,179 5 9	44,000	..	52,179 5 9
Total, Western Group	1,19,463 15 1	..	..	1,19,463 15 1	— 1,584 4 11	66,664 5 10	2,84,000	+ 16,500	3,67,164 5 10
Madras	91,093 2 4	33,900	..	1,24,993 2 4	+ 35,106 5 0 — 33,900 0 0	79,181 8 7	..	+ 2,00,400	2,79,581 8 7
Grand Total	4,79,436 7 6	33,900	..	5,13,336 7 6	— 73,405 1 6	1,57,750 9 0	4,85,000	+ 16,500	6,59,250 9 0
ACT X OF 1889.									
Pilotage Funds.									
Madras	33,674 3 2	..	..	33,674 3 2	— 2,063 7 4	— 1,850 5 11	50,000	..	48,149 10 1
Pámban and Kilakarai	2,031 13 5	..	..	2,031 13 5	10,766 12 3	5,356 1 10	..	..	5,356 1 10
Cochin	2,172 8 0	..	..	2,172 8 0	1,132 15 2	2,740 8 10	12,000	..	14,740 8 10
Mangalore	322 0 0	..	..	322 0 0	— 12 8 0	— 28 7 7	..	..	— 28 7 7
Total	38,200 8 7	..	..	38,200 8 7	9,823 12 1	6,217 13 2	62,000	..	68,217 13 2
ACT III OF 1885.									
Landing and Shipping Dues.									
Vizagapatam	772 3 6	..	..	772 3 6	9,824 10 9	26,431 14 1	..	..	26,431 14 1
Cocanada	53,122 13 5	..	..	53,122 13 3	— 11,923 3 0	47,698 12 4	..	— 16,500	31,198 12 4
Masulipatam	2,016 5 2	..	..	2,016 5 2	1,028 11 10	4,362 8 3	5,000	..	9,362 8 3
Negapatam	9,013 11 10	..	..	9,013 11 10	— 368 15 10	47,689 8 6	..	..	47,689 8 6
Mangalore	6,560 2 9	..	..	6,560 2 9	2,054 6 8	17,983 1 6	..	..	17,983 1 6
Total	71,485 4 6	..	..	71,485 4 6	615 10 5	1,44,165 12 8	5,000	— 16,500	1,32,665 12 8
Grand Total, Act X of 1889 and III of 1885	5,89,122 4 7	33,900	..	6,23,022 4 7	— 62,965 11 0	3,08,134 2 10	5,52,000	..	8,60,134 2 10

APPENDIX C (i).

STATEMENT showing the receipts of the Maritime Districts in the Madras Presidency (under Act X of 1889) for the official year 1895-96, revised in accordance with the rules published in G.O., No. 24, Marine, dated 27th January 1890.

Districts.	Share of Coasting Steamers' dues.	Other Port dues.	Share of General Administration receipts.	Miscellaneous receipts.	Public Works receipts.	Fees.	Interest.	Repayment of loans, advances, contributions and investments.	Provincial contributions.	Total.
Eastern Group.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.			Rs. A. P.
Ganjám	13,491 15 4	843 7 9	13 11 11	361 14 0	..	1,283 12 5	..	..	..	15,994 13 5
Vizagapatam	23,273 0 6	9,653 0 3	26 11 5	1,405 4 2	..	2,628 0 4	3,595 15 10	..	..	40,582 0 6
Gódávari	14,438 5 4	13,692 0 9	17 14 5	45 6 9	506 9 10	1,500 10 8	593 8 2	..	..	30,794 7 11
Kistna	7,415 11 10	1,077 5 10	8 6 7	236 0 7	..	2,066 5 3	..	..	..	10,803 14 1
Nellore	259 13 7	38 10 0	0 4 8	203 13 4	..	5 0 0	349 2 0	..	..	856 11 7
Chingleput	..	..	..	411 5 7	..	..	244 6 2	..	..	655 11 9
Madras	36,433 6 6	83,331 15 1	38 10 7	2,438 2 4	..	3,957 4 10	..	..	..	1,26,199 7 4
South Arcot	10,513 9 3	3,276 13 9	12 13 0	1,833 2 4	..	753 3 5	733 2 6	..	..	17,122 12 3
Tanjore	12,043 12 0	6,692 2 0	17 8 7	469 10 2	..	3,333 10 6	..	..	..	22,556 11 3
Madura	2,796 6 10	2,764 9 6	5 11 1	1,326 10 0	..	1,512 9 7	..	..	..	8,405 15 0
Tinnevelly	12,200 5 4	10,051 11 8	17 2 4	21,712 5 4	..	2,596 6 3	1,501 3 10	..	..	48,079 2 9
Total	1,32,866 6 6	1,31,421 12 7	158 14 7	30,443 10 7	506 9 10	19,636 15 3	7,017 6 6	..	..	3,22,051 11 10
Western Group.										
Malabar	52,591 13 6	26,530 8 7	61 1 8	3,754 11 2	..	5,278 3 7	8,379 0 0	..	..	96,595 6 6
South Canara	14,306 5 4	3,497 14 2	15 15 9	387 2 11	..	1,540 11 2	1,536 2 4	..	..	21,284 3 8
Total	66,898 2 10	30,028 6 9	77 1 5	4,141 14 1	..	6,818 14 9	9,915 2 4	..	..	1,17,879 10 2
Grand Total	1,99,764 9 4	1,61,450 3 4	236 0 0	34,585 8 8	506 9 10	26,455 14 0	16,932 8 10	..	..	4,39,931 6 0

APPENDIX C (i-*a*).

STATEMENT showing the actual receipts of the Maritime Districts in the Madras Presidency (under Act X of 1889) for the official year 1895-96.

Districts.	Coasting Steamers' dues.	Other Port dues.	General Administration receipts.	Miscellaneous receipts.	Public Works receipts.	Fees.	Interest.	Repayment of loans, advances, contributions and investments.	Provincial contributions.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.			Rs. A. P.
Eastern Group.										
Ganjám	12,405 7 6	843 7 9	..	361 14 0	..	1,283 12 5	..	..	..	14,894 9 8
Vizagapatam	13,358 5 6	9,653 0 3	..	1,405 4 2	..	2,628 0 4	3,595 15 10	..	..	30,640 10 1
Gódávari	9,674 6 3	13,692 0 9	..	45 6 9	506 9 10	1,500 10 8	593 8 2	..	..	26,012 10 5
Kistna	7,748 10 0	1,077 5 10	..	236 0 7	..	2,066 5 3	..	..	..	11,128 5 8
Nellore	..	38 10 0	..	203 13 4	..	5 0 0	349 2 0	..	..	596 9 4
Chingleput	..	..	..	411 5 7	..	..	244 6 2	..	..	655 11 9
Madras	36,433 6 6	83,831 15 1	236 0 0	2,438 2 4	..	3,957 4 10	..	..	..	1,26,396 12 9
South Arcot	6,059 5 6	3,276 13 9	..	1,833 2 4	..	753 3 5	733 2 6	..	..	12,655 11 6
Tanjore	15,823 6 0	6,692 2 0	..	469 10 2	..	3,333 10 6	..	..	..	26,818 12 8
Madura	1,666 13 3	2,764 9 6	..	1,326 10 0	..	1,512 9 7	..	..	..	7,270 10 4
Tinnevelly	29,696 10 0	10,051 11 8	..	21,712 5 4	..	2,596 6 3	1,501 3 10	..	..	65,558 5 1
Total ..	1,32,866 6 6	1,31,421 12 7	236 0 0	30,443 10 7	506 9 10	19,636 15 3	7,017 6 6	..	..	3,22,128 13 3
Western Group.										
Malabar	60,404 4 0	26,530 8 7	..	3,754 11 2	..	5,278 3 7	8,379 0 0	..	..	1,04,346 11 4
South Canara	6,493 14 10	3,497 14 2	..	387 2 11	..	1,540 11 2	1,536 2 4	..	..	13,455 13 5
Total ..	66,898 2 10	30,028 6 9	..	4,141 14 1	..	6,818 14 9	9,915 2 4	..	..	1,17,802 8 9
Grand Total ..	*1,99,764 9 4	1,61,450 3 4	236 0 0	34,585 8 8	506 9 10	26,455 14 0	16,932 8 10	..	..	4,39,931 6 0

		Rs.	A.	P.
* Total of Coasting Steamers' dues as per abstract statement in appendix B		2,00,380	6	4
Deduct—	Rs. A. P.			
Refund of Coasting Steamers' dues, Eastern group	615 13 0			
Do. do. Western group	.. ..			
		615	13	0
Total ..		1,99,764	9	4

APPENDIX C (ii).

STATEMENT showing the charges of the Maritime Districts of the Madras Presidency (under Act X of 1889) for the official year 1895-96 revised in accordance with the rules published in G.O., No. 24, Marine, dated 27th January 1890.

Districts.	Share of General Administration charges.	Share of lighthouse charges.	Establishment.		Contingencies and miscellaneous.	Public Works charges.	Fees.	Interest.	Contributions and investments.	Total.
			Port officers and Conservators.	Other establishments.						
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.			Rs. A. P.
Eastern Group.										
Ganjám	11,443 7 6	3,209 12 2	3,188 2 3	1,348 3 7	1,783 7 4	..	440 9 1	..	..	21,413 9 11
Vizagapatam	22,242 4 11	6,238 11 4	5,906 9 9	2,184 0 0	2,115 6 0	223 8 0	1,356 11 0	..	..	40,267 3 0
Gódávari	14,907 13 9	4,181 4 7	5,711 3 5	2,368 15 0	2,111 3 3	781 2 9	592 3 4	..	..	30,653 14 1
Kistna	7,005 7 1	1,964 15 2	3,042 9 3	661 10 9	2,263 12 6	3,172 9 11	966 3 9	..	..	19,077 4 5
Nellore	241 4 7	67 10 10	..	..	17 12 9	..	..	..	..	326 12 2
Chingleput	..	..	..	..	..	..	..	..	..	..
Madras	32,191 5 3	9,029 7 11	11,527 9 9	14,752 7 1	22,748 6 5	97 14 0	745 15 11	..	..	91,093 2 4
South Arcot	10,671 5 8	2,993 2 11	720 0 0	1,748 12 10	2,193 0 11	187 0 0	279 4 3	..	..	18,792 10 2
Tanjore	14,603 12 8	4,096 3 1	5,767 3 9	1,674 11 5	2,228 13 4	219 2 11	1,079 0 6	..	..	29,668 15 8
Madura	4,740 6 2	1,329 16 0	2,606 10 5	491 5 2	1,889 12 2	4,791 1 6	117 5 7	..	..	15,966 3 0
Tinnevelly	14,279 1 7	4,005 2 0	4,553 6 0	2,774 12 9	6,990 6 3	58,902 14 10	1,207 2 3	..	..	92,712 13 8
Total ..	1,32,326 4 9	37,116 0 0	43,023 6 7	28,004 14 7	44,342 0 11	68,375 5 11	6,784 7 8	..	..	3,59,972 8 5
Western Group.										
Malabar	50,879 11 4	7,118 13 10	17,592 15 11	6,084 11 2	5,092 14 2	5,848 2 0	2,290 1 6	..	..	94,907 5 11
South Canara	13,308 15 11	1,862 2 2	4,017 14 9	1,404 0 0	781 3 9	2,840 5 9	341 14 10	..	..	24,556 9 2
Total ..	64,188 11 3	8,981 0 0	21,610 14 8	7,488 11 2	5,874 1 11	8,688 7 9	2,632 0 4	..	..	1,19,463 15 1
Grand Total ..	1,96,515 0 0	46,097 0 0	64,634 5 3	35,493 9 9	50,216 2 10	77,063 13 8	9,416 8 0	..	..	4,79,436 7 6

APPENDIX C (ii-*a*).

STATEMENT showing the actual charges of the Maritime Districts in the Madras Presidency (under Act X of 1889) for the official year 1895–96.

Districts.	General charges.	Lighthouse charges.	Establishment. Port officers and Conservators.	Establishment. Other establishments.	Contingencies and miscellaneous.	Public Works charges.	Fees.	Interest.	Contributions and investments.	Total.
Eastern Group.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.			RS. A. P.
Ganjám	136 0 0	6,348 6 10	3,188 2 3	1,348 3 7	1,783 7 4	..	440 9 1	..	..	13,244 13 1
Vizagapatam	997 7 0	3,012 9 10	5,906 9 9	2,184 0 0	2,115 6 0	223 8 0	1,356 11 0	..	..	15,796 3 7
Gódávari	660 0 0	6,028 11 9	5,711 3 5	2,368 15 0	2,111 3 3	781 2 9	592 3 4	..	..	18,253 7 6
Kistna	103 8 0	2,285 7 3	3,042 9 3	661 10 9	2,263 12 6	3,172 9 11	966 3 9	..	..	12,495 13 5
Nellore	..	2,413 5 4	..	..	17 12 9	..	..	..	..	2,431 2 1
Chingleput	..	3,925 0 2	..	..	..	..	..	..	..	3,925 0 2
Madras	66,313 15 0	3,524 5 1	11,527 9 9	14,752 7 1	22,748 6 5	97 14 0	745 15 11	..	..	1,19,710 9 3
South Arcot	158 9 5	564 9 4	720 0 0	1,748 12 10	2,193 0 11	187 0 0	279 4 3	..	..	5,851 4 9
Tanjore	96 0 0	1,215 2 0	5,767 3 9	1,674 11 5	2,228 13 4	219 2 11	1,079 0 6	..	..	12,280 1 11
Madura	1,26,331 4 9	1,333 0 3	2,606 10 5	491 5 2	1,889 12 2	4,791 1 6	117 5 7	..	..	1,37,560 7 10
Tinnevelly	94 3 10	6,465 6 2	4,553 6 0	2,774 12 9	6,990 6 3	58,902 14 10	1,207 2 3	..	..	80,988 4 1
Total ..	1,96,891 0 0	37,116 0 0	43,023 6 7	28,004 14 7	44,342 0 11	68,375 5 11	6,784 7 8	..	..	4,22,537 3 8
Western Group.										
Malabar	1,584 0 0	3,280 7 11	17,592 15 11	6,084 11 2	5,092 14 2	5,848 2 0	2,290 1 6	..	..	41,773 4 8
South Canara	40 0 0	5,700 8 1	4,017 14 9	1,404 0 0	781 3 9	2,840 5 9	341 14 10	..	..	15,125 15 2
Total ..	1,624 0 0	8,981 0 0	21,610 14 8	7,488 11 2	5,874 1 11	8,688 7 9	2,632 0 4	..	..	56,899 3 10
Grand Total ..	1,98,515 0 0	46,097 0 0	64,634 5 3	35,493 9 9	50,216 2 10	77,063 13 8	9,416 8 0	..	..	4,79,436 7 6

APPENDIX C (iii).

STATEMENT showing particulars of General Receipts and Charges of the Maritime Districts in the Madras Presidency (under Act X of 1889) for the official year 1895–96.

Districts.	Receipts. Survey and registration of vessels.	Receipts. Sale of surplus stores.	Receipts. Total.	Charges. Officers of the Administrative Department.	Charges. Presidency Port Office establishment.	Charges. Contingencies.	Charges. Travelling allowance of Officers of the Administrative Department.	Charges. Leave allowance of Port Officers.	Charges. Miscellaneous.	Charges. Pensions and gratuities.	Charges. Total.
	RS. A. P.		RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Ganjám	..	..	..	..	..	..	63 0 0	..	(*b*) 73 0 0	..	136 0 0
Vizagapatam	..	..	..	..	..	..	..	..	..	997 7 0	997 7 0
Gódávari	..	..	..	..	..	..	..	..	..	660 0 0	660 0 0
Kistna	..	..	..	..	..	..	..	..	(*b*) 55 8 0	48 0 0	103 8 0
Nellore	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..
Madras { General charges	..	..	..	..	..	..	..	2,006 10 0	(*b*) 5,431 5 7	16,924 4 9	24,362 4 4
Madras { Presidency Port office ..	236 0 0	..	236 0 0	22,525 9 3	11,138 11 7	2,596 0 6	1,978 1 0	..	(*a*) 3,713 4 4	..	41,951 10 8
South Arcot	..	..	..	..	..	..	..	..	..	158 9 5	158 9 5
Tanjore	..	..	..	..	..	..	..	..	..	96 0 0	96 0 0
Madura	..	..	..	..	..	..	..	..	(*c*) 1,26,289 0 9	42 4 0	1,26,331 4 9
Tinnevelly	..	..	..	66 13 1	..	..	..	..	..	27 6 9	94 3 10
Malabar	..	..	..	..	..	..	..	..	..	1,584 0 0	1,584 0 0
South Canara ..	..	..	..	..	..	..	..	..	..	40 0 0	40 0 0
Total ..	236 0 0	..	236 0 0	22,592 6 4	11,138 11 7	2,596 0 6	2,041 1 0	2,006 10 0	1,35,562 2 8	20,577 15 11	1,96,515 0 0

(*a*) This sum is made up of the following items—

	RS. A. P.
Stationery and printing charges	1,665 0 7
Rent of telephone line	182 9 3
Books and periodicals received from England for the Presidency Port Officer	546 12 9
Share of Municipal Assessment on Port office building	460 5 4
Charges incurred on account of S.S. *Margarita* in connection with the inspection tour of the Presidency Port Officer, Madras	858 8 5
Total ..	3,713 4 4

(*b*) Pay, travelling allowance, &c., paid to Mr. Ashpitel and his peon, &c., at Madras for duty on the new lighthouse scheme.

(*c*) Includes Rs. 1,12,852, Provincial contribution on account of dredger "Wenlock" debited to Port funds as per G.O., No. 586, Financial, dated 13th August 1895. The balance represents charges on account of dredger incurred during the year.

APPENDIX C (iv-*a*).

STATEMENT of fees received during 1895–96.

Districts.	Fees levied under Acts.	Overtime fees for Port Officers and Conservators.	Overtime fees for establishment.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ganjám	439 0 0	795 0 0	49 12 5	1,283 12 5
Vizagapatam	502 0 0	1,608 8 0	517 8 4	2,628 0 4
Gódávari	502 4 0	835 0 0	163 6 8	1,500 10 8
Kistna	374 0 0	1,535 0 0	157 6 3	2,066 5 3
Nellore	5 0 0	..	..	5 0 0
Chingleput	1,717 .. 0 0	1,194 8 10	1,045 12 0	3,957 4 10
Madras	345 8 0	128 7 2	279 4 3	753 3 5
South Arcot	1,429 10 0	1,650 0 0	254 0 6	3,333 10 6
Tanjore	625 4 0	820 0 0	67 5 7	1,512 9 7
Madura	609 4 0	1,610 0 0	377 2 3	2,596 6 3
Tinnevelly	1,320 6 0	3,423 8 0	534 5 7	5,278 3 7
Malabar	836 8 0	675 0 0	69 3 2	1,540 11 2
South Canara				
Total ..	8,765 12 0	14,175 0 0	3,515 2 0	26,455 14 0

APPENDIX C (iv-*b*).

STATEMENT of fees paid during 1895–96.

Districts.	Overtime fees paid to Port Officers and Conservators.	Overtime fees paid to establishment.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ganjám ..	401 4 0	39 5 1	440 9 1
Vizagapatam ..	816 12 0	539 15 0	1,356 11 0
Gódávari ..	428 12 8	163 6 8	592 3 4
Kistna ..	797 8 0	168 11 9	966 3 9
Nellore ..	..	..	..
Chingleput ..	..	..	745 15 11
Madras ..	..	279 4 3	279 4 3
South Arcot ..	825 0 0	254 0 6	1,079 0 6
Tanjore ..	60 0 0	57 5 7	117 5 7
Madura ..	830 0 0	377 2 3	1,207 2 3
Tinnevelly ..	1,737 4 0	552 13 6	2,290 1 6
Malabar ..	277 8 0	64 6 10	341 14 10
South Canara ..			
Total ..	6,164 0 8	3,262 7 4	9,416 8 0

APPENDIX C (v).

STATEMENT showing Receipts and Charges of the Marine Funds of the Madras Presidency for 1895–96.

Funds.	Receipts.	Charges.
	Rs. A. P.	Rs. A. P.
Landing and Shipping Dues Act III of 1885.		
Vizagapatam	10,596 14 4	772 3 6
Coconada	41,199 10 3	53,122 13 3
Masulipatam	3,045 1 0	2,016 5 2
Negapatam	8,644 12 0	9,013 11 10
Mangalore	8,614 9 5	6,560 2 9
Total ..	72,100 14 11	71,485 4 6
Pilotage Funds Act X of 1889.		
Madras	31,610 11 10	33,674 3 2
Pámban and Kilakarai	12,798 9 8	2,051 13 5
Cochin	3,305 7 2	2,172 8 0
Mangalore	309 8 0	322 0 0
Total ..	48,024 4 8	38,200 8 7

APPENDIX C (vi-*a*).

PLUS AND MINUS entries to be made in Port Fund Receipts (Act X of 1889) for 1895–96 to arrive at the figures given in Appendix C (i).

1	2	3		4	5		6		7
Districts.	Total receipts as per monthly accounts sent to Accountant-General.	Other adjustments.		Net receipts as per Appendix C (i-*a*).	Adjustments of Coasting Steamers' dues.		Adjustment of general receipts.		Net receipts as per appendix C (i).
		Add.	Deduct.		Add.	Deduct.	Add.	Deduct.	
	Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ganjám	14,894 9 8	..	..	14,894 9 8	13,491 15 4	12,405 7 6	13 11 11	..	15,994 13 5
Vizagapatam	30,640 10 1	..	..	30,640 10 1	23,273 0 6	13,358 5 6	26 11 5	..	40,582 0 6
Gódávari	26,012 10 5	..	..	26,012 10 5	14,438 5 4	9,674 6 3	17 14 5	..	30,794 7 11
Kistna	11,128 5 8	..	..	11,128 5 8	7,415 11 10	7,748 10 0	8 6 7	..	10,803 14 1
Nellore	596 9 4	..	..	596 9 4	259 13 7	..	0 4 8	..	856 11 7
Chingleput	655 11 9	..	..	655 11 9	..	..	..	..	655 11 9
Madras Port Funds (including General Administration)	1,26,396 12 9	..	..	1,26,396 12 9	36,433 6 6	36,433 6 6	38 10 7	236 0 0	1,26,199 7 4
South Arcot	13,271 8 6	..	(*a*) 615 13 0	12,655 11 6	10,513 9 3	6,059 5 6	12 13 0	..	17,122 12 3
Tanjore	26,318 12 8	..	..	26,318 12 8	12,043 12 0	15,823 6 0	17 8 7	..	22,556 11 3
Madura	7,270 10 4	..	..	7,270 10 4	2,796 6 10	1,666 13 3	5 11 1	..	8,405 15 0
Tinnevelly	65,558 5 1	..	..	65,558 5 1	12,200 5 4	29,696 10 0	17 2 4	..	48,079 2 9
Total ..	3,22,744 10 3	..	615 13 0	3,22,128 13 3	1,32,866 6 6	1,32,866 6 6	158 14 7	236 0 0	3,22,051 11 10
Malabar	1,04,346 11 4	..	..	1,04,346 11 4	52,591 13 6	60,404 4 0	61 1 8	..	96,595 6 6
South Canara	13,455 13 5	..	..	13,455 13 5	14,366 5 4	6,493 14 10	15 15 9	..	21,284 3 8
Total ..	1,17,802 8 9	..	..	1,17,802 8 9	66,898 2 10	66,898 2 10	77 1 5	..	1,17,879 10 2
Grand Total ..	4,40,547 3 0	..	615 13 0	4,39,931 6 0	1,99,764 9 4	1,99,764 9 4	236 0 0	236 0 0	4,39,931 6 0

Column 3. (*a*) Coasting Steamers' dues subsequently refunded and deducted on both sides of the accounts.
" 5. Distribution of Coasting Steamer dues in proportion to the tonnage that entered each district during the year, Madras excepted.
" 6. Do. of general receipts distributed in proportion to the total tonnage that entered each district during the year.

APPENDIX C (vi-*b*) 1895–96 to arrive at the figures given in Appendix C (ii).

PLUS and MINUS entries to be made in Port Fund Charges (Act X of 1889) for

1	2	3				4
Districts.	Total charges as per monthly accounts sent to Accountant-General.	Other adjustments.				Net charges as per appendix C (ii-*a*).
		Add.		Deduct.		
	Rs. A. P.	Rs. A. P.		Rs. A. P.		Rs. A. P.
Ganjám	13,108 13 1	136 0 0		..		13,244 13 1
Vizagapatam	14,798 12 7	997 7 0		..		15,796 3 7
Gódávari	17,593 7 6	660 0 0		..		18,253 7 6
Kistna	12,392 5 5	103 8 0		..		12,495 13 5
Nellore	2,431 2 1	..		..		2,431 2 1
Chingleput	3,925 0 2	..		..		3,925 0 2
Madras .. { Administration ..	1,96,515 3 11	..		(*b*) 1,96,515 3 11		..
Madras .. { Madras Port Funds ..	53,396 6 4	66,314 2 11		..		1,19,710 9 3
South Arcot	6,303 8 4	158 9 5		(*a*) 615 13 0		5,851 4 9
Tanjore	12,184 1 11	96 0 0		..		12,280 1 11
Madura	11,229 3 1	1,26,331 4 9		..		1,37,560 7 10
Tinnevelly	80,894 0 3	94 3 10		..		80,988 4 1
Total ..	4,24,777 0 8	1,94,891 3 11		1,97,131 0 11		4,22,537 3 8
Malabar	40,189 4 8	1,584 0 0		..		41,773 4 8
South Canara	15,085 15 2	40 0 0		..		16,125 15 2
Total ..	55,275 3 10	1,624 0 0		..		56,899 3 10
Grand Total ..	4,80,052 4 6	1,96,515 3 11		1,97,131 0 11		4,79,436 7 6

Column 3. (*a*) Refund of Coasting Steamers' dues deducted on both sides of the account.
(*b*) General charges including charges on account of dredger *Wenlock* incurred in other districts and brought under the heading "Administration."
5. General charges distributed in proportion to the tonnage that entered each district during the year.
" 6. Lighthouse charges distributed in proportion to the tonnage that entered each group.

APPENDIX D.

STATEMENT showing the number of officers and men employed otherwise than in Government vessels in the Port Department under the Government of Madras during the official year 1895–96.

Description of establishment.	Number of officers.	Number of men.	Total annual cost.	Total annual earnings.
1	2	3	4	5
			Rs.	Rs.
Madras.				
Port establishment	4	93	52,754	..
Lighthouse establishment	..	7	2,347	..
Divers' establishment	..	2	2,156	..
Marine Police establishment	..	..	5,072	..
Do. Dispensary establishment	..	2	2,293	..
Pilotage, Madras	3	34	23,415	31,611
Coast Ports.				
Port Officers and Conservators	16	198	53,107	..
Lighthouses	..	96	21,606	..
Pilotage (Pámban and Kílakarai, Cochin and Mangalore).	2	14	4,298	48,024
Landing and Shipping dues (Cocanada, Vizagapatam, Masulipatam, Negapatam and Mangalore) ..	..	55	11,370	72,101

APPENDIX E.

STATEMENT showing the various Government vessels, &c., in charge of the Port Department in the year 1895–96.

Detail of vessels.	Tonnage of each vessel and horse-power of engine if a steamer.	Number of officers.	Number of men.	Total annual cost.	Total annual earnings.
1	2	3	4	5	6
				Rs.	Rs.
River-Going Vessels.					
Steam Dredger "Priestmans" ..	..	..	10	5,474	..
Do. "Connemara" ..	..	..	11	4,811	..
Steam Launch "Empress"	6½ tons ..	..	1	240	..
Steam Tug "Gódávari"	40 tons, eighty horse-power.	..	9	1,995	..
Steam Dredge (at Cuddalore) ..	12 tons, six horse-power.	..	6	1,101	..
Steam Dredge "Wenlock" ..	407 tons, forty-five horse-power.	..	27	13,437	..
Steam Launch (at Madras) ..	..	..	6	1,922	..

APPENDIX F.

STATEMENT showing the number, &c., of changes of Masters endorsed on registers of vessels under Act X of 1841 and the Merchant Shipping Act, from 1st April 1895 to 31st March 1896, in the various districts of the Madras Presidency.

Districts.	Number of vessels on the registers of which changes of Masters were endorsed.	Amount of fees.
		Rs.
Madras	7	14
Ganjám	..	..
Vizagapatam	..	..
Gódávari	10	20
Kistna	13	26
Nellore	..	..
Chingleput	..	..
South Arcot	..	..
Tanjore	42	84
Madura	31	62
Tinnevelly	17	34
Malabar	21	42
South Canara	59	118
Total for 1895–96 ..	200	400
,, 1894–95 ..	129	258
Increase ..	71	142

APPENDIX G.

STATEMENT showing the number, &c., of vessels registered under Act X of 1841, from 1st April 1895 to 31st March 1896, in the various districts of the Madras Presidency.

Districts.	Total number of vessels.	Total tonnage.	Total amount of fees.
		TONS.	RS. A. P.
Madras	..	..	..
Ganjám	..	..	..
Vizagapatam	..	..	..
Gódávari	9	1,391	176 6 0
Kistna	9	219	83 0 0
Nellore	..	..	..
Chingleput	..	..	..
South Arcot	..	..	..
Tanjore	15	1,559	229 10 0
Madura	14	769	101 4 0
Tinnevelly	9	1,086	97 12 0
Malabar	31	963	206 8 0
South Canara	..	..	..
Total for 1895–96 ..	87	5,987	894 8 0
,, 1894–95 ..	101	5,750	987 15 0
Decrease ..	14	237	93 7 0

APPENDIX H.

PARTICULARS of changes in the Gazetted Official Staff of the Madras Port Department by absence on leave, deputation, &c., in the official year 1895–96.

Name.	Designation.	Cause and period of absence.	Acting arrangements.
Commander W. J. Powell, R.I.M.	Presidency Port Officer.	Privilege leave for 60 days from 10th October 1895.	Commander C. W. Hewett, R.I.M., Deputy Port Conservator, acted.
Mr. H. D. Baddeley ..	Agent for Government Consignments and Personal Assistant to the Presidency Port officer.	(1) Privilege leave for 2 months and 11 days from the 17th April 1895. (2) Acting for the Deputy Port Conservator, Madras, for 60 days from 3rd August 1895, while that officer was on privilege leave. (3) Acting for the Deputy Port Conservator, Madras, for 60 days from 10th October 1895, while the Deputy Conservator was acting for the Presidency Port officer. (4) Acting for the Port officer, Tuticorin, from 25th December 1895 to 31st January 1896. (5) Acting for the Deputy Port Conservator, Madras, from 23rd March 1896 to the close of the official year, on that officer proceeding on medical leave.	During each of these periods, the Manager of the Agent's office was in charge of that office.
Mr. G. W. Wicks ..	Port officer, Cocanada.	From the one year's privilege leave granted from 24th October 1894, returned to duty on 24th October 1895.	Mr. J. P. James, Port officer, Negapatam, acted.
Mr. J. P. James ..	Port officer, Negapatam.	(1) On deputation to act for the Port officer, Cocanada, up to 23rd October 1895.	Mr. W. S. Carlyon, Port officer, Mangalore, acted up to 18th September 1895, and from 19th September to 28th October 1895, the Superintendent of Sea Customs was in charge.
		(2) Privilege leave from 8th November to 13th December 1895.	The Superintendent of Sea Customs was in charge.
Mr. W. S. Carlyon ..	Port officer, Mangalore.	(1) On deputation to act for the Port officer, Negapatam, up to 18th September 1895. (2) Privilege leave for 2 months from 19th September 1895. [From 29th October 1895 permanently transferred to Gopalpur.]	Mr. J. M. Simpson, Port officer, Gopalpur, acted.
Mr. M. Woodhouse ..	Port officer, Cochin ..	Privilege leave from 6th March to 28th May 1895.	Mr. H. S. Brown, Port officer, Tellicherry, acted.
Mr. J. M. Simpson ..	Port officer, Gopalpur.	On deputation to act for the Port officer, Mangalore, up to 24th October 1895. [From 29th October 1895 permanently transferred to that port.]	Mr. J. H. Batt, Port officer, Pámban, acted.
Mr. J. H. Batt ..	Port officer, Pambán.	On deputation to act for the Port officer, Gopalpur, from 1st April to 25th November 1895.	Mr. R. L. Swann, Reserve Port officer, acted.
Mr. T. H. Baker ..	Port officer, Tuticorin.	To navigate Indian Government Steamer *Margarita* to the Laccadives from 3rd to 16th December 1895.	From 3rd to 10th Dec. the Superintendent of Sea Customs was in charge. From 11th to 16th Dec. Reserve Port officer Mr. Swann acted.
		Privilege leave for one month and 14 days from 18th December 1895 to 31st January 1896.	From 18th to 24th December 1895, the Superintendent of Sea Customs was in charge. From 25th December 1895 to 31st January 1896, Mr. H. D. Baddeley acted.

APPENDIX I.

STATEMENT of passengers sailed from the undermentioned ports in the Madras Presidency during the official year 1895-96.

Names of Ports.	Ports bound to: Ports within the Presidency. Adults. Males.	Females.	Children under 12.	Total.	Ports beyond the Presidency but within British India. Adults. Males.	Females.	Children under 12.	Total.	Ports in Burma. Adults. Males.	Females.	Children under 12.	Total.	Ports in Ceylon. Adults. Males.	Females.	Children under 12.	Total.	Ports in Straits Settlements. Adults. Males.	Females.	Children under 12.	Total.	Other Ports. Adults. Males.	Females.	Children under 12.	Total.	Grand Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Gopalpur	36	5	7	42	539	298	191	1,028	824	59	35	918	..	..	..	..	..	..	..	..	..	..	..	..	1,988
Calingapatam ..	8	2	..	10	5	5	..	10	3,212	61	213	3,486	..	..	..	..	..	..	..	..	..	..	..	..	3,506
Báruva	..	..	..	..	..	..	..	..	4,298	25	147	4,470	..	..	..	..	..	..	..	..	..	..	..	..	4,470
Bimlipatam ..	22	11	4	37	36	5	5	46	870	121	61	1,052	..	..	..	..	..	..	..	..	..	..	..	..	1,135
Vizagapatam ..	129	29	6	164	63	28	10	101	3,297	172	242	3,711	1	2	2	5	..	..	..	..	..	..	..	..	3,981
Cocanada	59	94	23	710	29	2	3	34	9,481	247	371	10,099	3	..	2	5	..	..	..	..	36	..	..	36	10,884
Masulipatam ..	350	36	12	398	9	..	..	9	203	23	9	235	..	..	..	..	..	..	..	..	..	..	..	..	642
Cuddalore	..	..	..	..	..	..	..	..	196	4	11	211	..	..	..	..	44	2	7	53	..	..	..	..	264
Porto Novo	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	286	..	..	286	..	..	..	..	287
Negapatam	11	1	..	12	..	..	..	..	8,255	720	574	9,549	566	42	30	638	13,677	983	722	15,382	..	..	..	..	* 25,581
Tranquebar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	103	11	24	138	138
Tóppuṭṭurai	32	..	..	32	..	..	..	..	..	..	..	..	2,862	335	21	3,218	..	..	..	..	..	..	..	..	3,250
Muttupet	4	6	3	13	..	..	..	..	..	..	..	..	217	13	2	232	..	..	..	..	..	..	..	..	245
Adirámpatnam ..	31	..	..	31	..	..	..	..	..	..	..	..	231	5	6	242	..	..	..	..	..	..	..	..	273
Ammápatnam ..	..	..	..	..	..	..	..	..	..	..	..	..	5	4	2	11	..	..	..	..	..	..	..	..	11
Kóttaipatnam ..	..	..	..	..	..	..	..	..	..	..	..	..	37	..	..	37	..	..	..	..	..	..	..	..	37
Pámban	12,584	5,997	299	18,880	..	..	..	..	..	..	..	..	28,675	6,923	2,233	32,831	..	..	..	..	..	..	..	..	51,711
Kílakarai	560	132	26	718	..	..	..	..	..	..	..	..	135	..	36	171	..	..	..	..	..	..	..	..	889
Devipatam	7,097	3,887	550	11,534	..	..	..	..	..	..	..	..	241	8	13	262	..	..	..	..	..	..	..	..	11,796
Tondi	306	79	69	454	..	..	..	..	..	..	..	..	7,053	1,525	1,320	9,898	..	..	..	..	..	..	..	..	10,352
Tuticorin	642	70	38	750	..	..	..	..	..	..	..	..	54,481	12,663	9,115	76,259	..	..	..	..	..	..	..	..	77,009
Kulasékarapatnam ..	221	28	6	255	..	..	..	..	..	..	..	..	295	41	83	419	..	..	..	..	..	..	..	..	674
Káyalpatnam ..	79	23	11	113	..	..	..	..	..	..	..	..	13	..	..	13	..	..	..	..	..	..	..	..	126
Coohin	242	27	13	282	109	33	10	152	5	..	..	5	13	..	..	13	..	..	..	..	..	..	..	..	474
Calicut	598	53	30	681	460	41	19	519	..	..	..	..	2	..	..	2	..	..	..	..	19	4	..	23	1,225
Badagara	11	..	..	11	14	1	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26
Kallâyi	10	1	2	13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13
Tellicherry	418	42	53	513	100	5	14	119	..	..	..	..	5	..	..	5	..	..	..	..	15	..	..	15	652
Cannanore	382	72	28	482	103	13	7	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	605
Kasaragod	373	32	47	452	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	452
Managalore	6,007	1,822	697	8,526	3,970	1,149	515	5,634	..	..	..	..	6	4	..	10	..	..	..	..	706	137	85	928	15,098
Malpe	2,513	846	322	3,681	1,363	474	124	1,961	..	..	..	..	..	..	..	..	..	..	..	..	409	113	32	554	6,196
Hangarakatta ..	78	3	3	84	272	44	16	332	..	..	..	..	..	..	..	..	..	..	..	..	283	7	2	292	708
Coondapoor	1,313	253	164	1,730	1,230	323	154	1,707	..	..	..	..	..	..	..	..	..	..	..	..	338	68	43	449	3,886
Baindoor	12	2	1	15	6	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	29	..	..	29	50
Madras	292	62	24	378	971	151	66	1,188	3,752	1,406	646	5,804	126	20	1	147	414	38	31	483	2,104	756	405	3,265	11,265
Total ..	34,948	13,615	2,438	51,001	9,277	2,572	1,133	12,984	34,393	2,838	2,309	39,540	89,968	21,585	12,846	1,24,419	14,421	1,023	760	16,204	4,064	1,096	591	5,751	249,899

* Including Emigrants, 1,457 adults and 50 children.

Grand Total ..	1895-96	249,899
	1894-95	190,628
	Increase ..	59,271

APPENDIX I—*cont.*

STATEMENT of passengers arrived at the undermentioned ports in the Madras Presidency during the official year 1895-96.

Names of Ports.	Ports arrived from: Ports within the Presidency. Adults. Males.	Females.	Children under 12.	Total.	Ports beyond the Presidency but within British India. Adults. Males.	Females.	Children under 12.	Total.	Ports in Burma. Adults. Males.	Females.	Children under 12.	Total.	Ports in Ceylon. Adults. Males.	Females.	Children under 12.	Total.	Ports in Straits Settlements. Adults. Males.	Females.	Children under 12.	Total.	Other Ports. Adults. Males.	Females.	Children under 12.	Total.	Grand Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Gopalpur	40	10	4	54	232	37	25	294	200	..	..	200	..	..	..	..	..	..	..	..	..	..	..	..	548
Calingapatam ..	3	..	..	3	57	8	7	72	2,573	27	64	2,664	..	..	..	..	..	..	..	..	..	..	..	..	2,739
Báruva	..	..	..	..	..	..	..	..	1,700	10	36	1,746	..	..	..	..	..	..	..	..	..	..	..	..	1,746
Bimlipatam ..	49	11	3	63	30	3	..	33	4,589	127	128	4,844	..	..	..	..	..	..	..	..	..	..	..	..	4,940
Vizagapatam ..	248	22	10	280	84	14	4	102	3,990	40	74	4,104	4	..	..	4	..	..	..	..	..	..	..	..	4,490
Cocanada	267	36	13	316	57	13	13	83	8,134	209	78	8,421	2	..	..	2	..	..	..	..	..	..	..	..	8,822
Masulipatam ..	332	47	38	417	31	11	6	48	236	37	21	294	..	..	..	..	..	..	..	..	..	..	..	..	759
Cuddalore	6	..	..	6	..	..	..	..	..	..	..	..	4	..	..	4	26	..	..	26	..	..	..	..	36
Porto Novo	..	..	..	..	..	..	..	..	..	..	..	..	72	20	6	98	86	..	..	86	..	..	..	..	184
Negapatam	38	..	..	38	..	..	..	..	9,302	796	553	10,651	862	86	36	984	11,098	809	533	12,440	3	..	..	3	24,116
Tranquebar	4	..	..	4	..	..	..	..	..	..	..	..	7	..	..	7	..	..	..	..	..	..	..	..	11
Tóppuṭṭurai	..	..	..	..	..	..	..	..	..	..	..	..	2,369	401	9	2,779	..	..	..	..	..	..	..	..	2,779
Muttupet	8	..	..	8	..	..	..	..	..	..	..	..	318	8	9	335	..	..	..	..	..	..	..	..	343
Adirámpatnam ..	97	5	12	114	..	..	..	..	..	..	..	..	540	24	31	595	..	..	..	..	..	..	..	..	709
Ammápatnam ..	19	..	..	19	..	..	..	..	..	..	..	..	331	7	10	348	..	..	..	..	..	..	..	..	367
Kóttaipatnam ..	..	..	..	..	..	..	..	..	..	..	..	..	219	11	10	240	..	..	..	..	..	..	..	..	240
Pámban	8,007	3,567	46	11,620	..	..	..	..	..	..	..	..	13,688	2,878	918	17,484	..	..	..	..	..	..	..	..	29,104
Kílakarai	3,299	1,814	64	5,177	..	..	..	..	..	..	..	..	133	2	4	139	..	..	..	..	..	..	..	..	5,316
Devipatam	6,945	3,821	477	11,243	..	..	..	..	..	..	..	..	80	1	..	81	..	..	..	..	..	..	..	..	11,324
Tondi	350	46	19	415	..	..	..	..	20	..	..	20	8,164	1,197	909	10,270	..	..	..	..	..	..	..	..	10,705
Tuticorin	1,697	279	176	2,152	28	4	..	32	..	..	..	..	49,505	16,295	4,872	70,672	..	..	..	..	..	..	..	..	72,856
Kulasékarapatnam ..	244	57	9	310	..	..	..	..	..	..	..	..	377	44	82	503	..	..	..	..	..	..	..	..	813
Káyalpatnam ..	89	6	..	95	..	..	..	..	..	..	..	..	37	2	3	42	..	..	..	..	..	..	..	..	137
Cochin	132	15	6	153	186	26	2	214	4	..	..	4	6	1	..	7	26	..	1	27	23	1	..	24	429
Calicut	781	91	43	915	318	41	18	377	..	..	..	..	18	..	2	20	..	..	..	..	..	..	..	..	1,312
Badagara	14	..	..	14	6	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
Kallâyi	5	..	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
Tellicherry	710	70	32	812	65	8	9	82	..	..	..	..	6	..	..	6	..	..	..	..	8	3	3	14	914
Cannanore	301	64	23	388	63	9	7	79	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	467
Mangalore	5,474	1,126	612	7,212	3,373	939	510	4,822	..	..	..	..	..	..	..	..	..	..	..	..	651	166	70	887	12,921
Kasaragod	481	63	41	585	2	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	587
Malpe	2,830	1,204	351	4,385	1,523	651	120	2,294	..	..	..	..	..	..	..	..	..	..	..	..	476	277	56	809	7,488
Hangarakatta ..	212	13	10	235	198	28	10	236	..	..	..	..	..	..	..	..	..	..	..	..	273	7	7	287	758
Coondapoor	1,426	265	217	1,908	1,203	257	81	1,541	..	..	..	..	..	..	..	..	..	..	..	..	289	28	4	321	3,770
Baindoor	10	..	1	11	5	4	1	10	..	..	..	..	..	..	..	..	..	..	..	..	39	..	..	39	60
Madras	1,048	217	73	1,338	1,227	172	68	1,467	3,144	493	320	3,957	163	73	12	248	542	58	21	631	943	339	199	1,481	9,122
Total ..	35,166	12,849	2,280	50,295	8,688	2,225	881	11,794	33,892	1,739	1,274	36,905	76,905	21,050	6,913	104,868	11,778	867	565	13,210	2,705	821	339	3,865	220,937

Grand Total ..	1895-96	220,937
	1894-95	225,706
	Decrease ..	4,769

APPENDIX J.

STATEMENT showing the particulars of dredging operations at the Port of Cocanada for the official year 1895–96, including the figures of the previous two years.

Name of dredger.	Particulars.	Previous two years. 1893–94.	Previous two years. 1894–95.	1895–96.
Priestman's dredger.	(a) Days working	172	184	183
	(b) Hours dredging	1,538	1,646	1,630
	(c) Barges / Boats loaded, giving number of tons each barge / boat will hold.	621 of 59½ and 491 of 29 7/16 tons.	622 of 59½ and 299 of 29 7/16 tons.	992 of 59½ and 167 of 29 7/16 tons.
	(d) Tons dredged	51,469	45,805·4	63,883·6
	(e) Cubic yards dredged	38,126	33,946	47,322
	(f) Average outturn per day	299	248·9	349·08
	(g) Working expenses per ton	As. 1–5	As. 2–3	As. 1–2
Dredger "Connemara."	(a) Days working	189	202	241
	(b) Hours dredging	1,669	1,798	2,193
	(c) Barges / Boats loaded, giving number of tons each barge / boat will hold.	636 of 59½ and 495½ of 29 7/16 tons.	621 of 59½ and 530 of 29 7/16 tons.	1,164 of 59½ and 398 of 29 7/16 tons.
	(d) Tons dredged	52,524	47,876·5	80,961·7
	(e) Cubic yards dredged	38,907	35,464	59,972
	(f) Average outturn per day	277·9	237·1	331·4
	(g) Working expenses per ton	As. 1–1	As. 3–4	As. 1–1

APPENDIX J (i).

STATEMENT showing the particulars of dredging operations at the Port of Cuddalore for the official year 1895–96, including the figures of the previous two years.

Name of dredger.	Particulars.	Previous two years. 1893–94.	Previous two years. 1894–95.	1895–96.
	(a) Days working	148	149	96
	(b) Hours dredging	888	894	576
	(c) Barges / Boats loaded, giving number of tons each barge / boat will hold.	2,413¾ of 4 tons each.	2,362¾ of 4 tons each.	1,435½ of 4 tons each.
	(d) Tons dredged	9,655	9,451	5,742
	(e) Cubic yards dredged	7,152	7,001	4,255
	(f) Average outturn per day	43	48	58
	(g) Working expenses per ton	As. 1–7	As. 2–3	As. 2–0

APPENDIX K.

PARTICULARS of Seamen shipped and discharged at Ports in the Madras Presidency under the various Merchant Shipping Acts in the official year 1895–96.

Name of port.	Europeans. Shipped.	Europeans. Discharged.	Asiatics. Shipped.	Asiatics. Discharged.	Total. Shipped.	Total. Discharged.
Calingapatam	..	..	..	1	..	1
Vizagapatam	..	..	..	2	..	2
Cocanada	3	1	..	23	3	24
Madras	5	11	27	785	32	796
Negapatam	..	..	386	394	386	394
Porto Novo	..	..	80	110	80	110
Tuticorin	..	1	26	26	26	27
Tellicherry	..	..	3	..	3	..
Cochin	3	6	6	84	9	90
Calicut	..	..	..	2	..	2
Total of year under report	11	19	528	1,427	539	1,446
Total of previous year	10	27	543	1,296	553	1,323
Increase	1	..	..	131	..	123
Decrease	..	8	15	..	14	..

APPENDIX L.

STATEMENT showing the number of cargo and other licensed boats at the principal Ports in the Madras Presidency at the end of the official year 1895–96.

Name of ports.	Number of boats serviceable.	Number of boats unserviceable.	Total.
Gopalpur	86	..	86
Calingapatam	92	8	100
Vizagapatam	168	12	180
Bimlipatam	79	102	181
Cocanada	298	34	332
Masulipatam	39	16	55
Cuddalore	136	26	162
Porto Novo	48	20	68
Negapatam	161	36	197
Pámban	93	18	111
Tuticorin	165	40	205
Cochin	161	40	201
Calicut and Beypore	127	38	165
Tellicherry	68	..	68
Cannanore	55	22	77
Mangalore	90	24	114
Total of 1895–96	1,866	436	2,302
„ of 1894–95	1,671	424	2,095
Increase	195	12	207
Decrease	..	..	..

ADMINISTRATION REPORT of the Deputy Conservator of the Port of Madras for the year 1895–96.

The number and tonnage of vessels entering and leaving the port of Madras during the year is shown in the following statement, and shows an increase over the preceding year in numbers and tonnage :—

Vessels entered.

	1894–95.		1895–96.	
	NO.	TONS.	NO.	TONS.
Steam ships, mercantile	640	1,150,037	*656	1,184,644
Sailing „ „	2	2,299	1	1,400
„ native crafts	77	7,657	86	9,628
Man-of-war, Government ships and transports	6	14,589	11	15,828
Total ...	725	1,174,582	754	1,211,500

Vessels left.

	NO.	TONNAGE.
Steam ships, mercantile	*657	1,185,999
Sailing „ „	1	1,400
„ native crafts	85	9,219
Man-of-war	11	15,828
Total ...	754	1,212,446

Of the above vessels, 284 were foreign-going and 371 coasting.

The revenue amounted to Rs. 1,50,970 against Rs. 1,35,260 for 1894–95 and was obtained from the following sources :—

	RS.
Port Fund	1,19,765
Salvage	217
Diver services	168
Hire of port raft	1,140
Boat licenses	957
Shipping office fees and fines	860
Office fees for overtime	1,419
	1,24,526
Pilotage and boat charges connected	22,802
Moiety of Harbour Master's fees	3,640
Total ...	1,50,968

Artificial harbour.—Shipping operations have been carried on during the whole of the year without intermission.

The berths in the harbour have been equal to the requirements except on three occasions; the total number of vessels thus having to wait outside being five in all and on an average for about six hours each.

The S.S. *Booldana* was placed alongside the northern groyne and horses were successfully landed.

The S.S. *Fazilka* was placed alongside of the same groyne and 170 horses were discharged and walked on shore by means of a stage.

* Including .. .. { 42 German. 24 Austro-Hungarian. 23 French. 2 Norwegian.

Total Foreign .. 91

The S.S. *Argus* was berthed alongside of the northern arm and discharged stores by means of a stage from the ship to the wall.

The smoothness of the water inside the harbour has been all that was necessary.

Moorings.—The Harbour Engineer has been carrying on the work of screwing down permanent moorings. All the bow and stern moorings are nearly completed, each buoy having two lengths of $2\frac{1}{4}$" chain of 24 fathoms attached to screw piles; this will complete head and stern moorings for nine vessels, thus securing ships much more effectually than could be done by using their own anchors.

Weather.—The weather has been fine throughout the year, with the exception of 11th August and 28th September, on both of which days warning signals were hoisted.

Accidents.—The stern lines of the S.S. *Bhopal* carried away on the 18th June whilst the vessel was unmooring. The engines being immediately moved ahead, a collision with the S.S. *Clan Macdonald* which was moored in the next berth to leeward, was avoided.

Stern lines of the S.S. *Dilwara* and *Curfew* parted during a heavy squall from the north on the 9th June, but no casualty occurred thereby. Whilst the S.S. *Putiala* was being taken to sea on one occasion, the steering gear jammed causing her to approach dangerously near the southern groyne, but she eventually proceeded without mishap.

The S.S. *Kangra* entered the harbour without having a Harbour Master on board, and this disregard of the Port rules on the part of the Master of that ship nearly caused a disaster. His behaviour was reported to the owners. There were only two Harbour Masters on duty at the time and both were engaged with other vessels (the senior Harbour Master being on leave).

Boats.—The steam launch since being placed for repairs under the Harbour works has been running fairly well and is in fairly good order.

Boats have been kept in good condition, but their having had to be used for shackling ships chain cables on to the mooring buoys, they have been injured to a considerable extent. Sanction has, however, been obtained for the construction of a mooring boat for Rs. 900 which is at present being carried out and when complete will diminish the wear and tear to the Harbour Master's boats.

Entrance lights.—The two head lights at the end of each harbour wall were lit at sunset on the 1st January 1896 for the first time, giving an uniform and unbroken light all round the horizon, visible about 8 miles.

Cargo boats.—The number of lighters on the register is 90, musulah boats 172, jolly boats 46, and water boats 11.

Port rafts.—The port rafts is still the only method of landing heavy weights and has been used 76 times and earned Rs. 1,140, in addition to the mooring work which occupied about six months in the year.

Leave.—Commander C. W. Hewett, R.I.M., was granted privilege leave for 60 days from 2nd August 1895, and Mr. H. D. Baddeley acted as Deputy Conservator in his absence.

Commander C. W. Hewett, R.I.M., acted as Presidency Port Officer from 9th October to 8th December 1895, and Mr. H. D. Baddeley acted as Deputy Conservator for that period.

Commander C. W. Hewett, R.I.M., availed himself of one year's furlough on medical certificate handing over charge of the office to Mr. H. D. Baddeley on the afternoon of the 22nd March 1896.

Port diver.—The port diver, as in former years, was well employed and had constant work, and a considerable amount of property was recovered.

Time signal.—The time signal has worked well, there being only seven failures during the year.

The time ball sanctioned by the Board some two years back has not yet been provided by the Harbour works.

Life-saving apparatus.—Quarterly practice has been carried on during the year. The men are efficient and the gear in good order.

Shipping office.—The number of Native seamen engaged at this port shows a considerable decrease on last year's figure.

European seamen engaged	5
„ discharged	11
„ sent to jail	0
„ sent to hospital	4
Native seamen engaged	27
„ discharged	785
„ sent to jail	19
„ sent to hospital	4
Distressed seamen sent home	1

Periodical statements and returns were sent to Board of Trade, London, and the Government of Madras.

W. AVES, Comdr., R.I M.,
Acting Deputy Conservator of the Port.

ADMINISTRATION REPORT of the Office of Agent for Government Consignments, Madras, for the Official year 1895–96.

Mr. H. D. Baddeley, Agent for Government Consignments, availed himself of the privilege leave granted to him by Government from 17th April to 28th June 1895. The same officer was on deputation for various periods, viz., from 3rd August to 30th September 1895 and from 10th October to 8th December 1895, as Acting Deputy Conservator of Port, and from 24th December 1895 to 6th February 1896, as Acting Port Officer, Tuticorin. He acted again as Deputy Conservator of Port from the 23rd March 1896 up to the time he proceeded on six months' leave to Europe.

2. Appended to this report are two statements showing the various departments for whom stores were landed and shipped with quantities during the past three official years, viz. :—

Appendix A, Import. | Appendix B, Export.

3. The total quantities of Government stores landed and shipped during the year 1895-96 as compared with those for the previous year are subjoined :—

Import.

	Number of packages.	Tons.
1894–95	72,539	4,355
1895–96	51,125	4,048
	— 21,414	— 307

Export.

1894–95	25,582	2,267
1895–96	32,773	2,157
	+ 7,191	— 110

4. A large decrease is noticed in both the number of packages and tonnage under import. The cause of the difference is probably attributable to the fact that fewer consignments were received by the Home Line steamers for the Public Works department, and a smaller number of small arms, ammunition and other stores landed from coasting boats for the Ordnance department.

5. The increase in the number of packages under export is chiefly due to the large shipments of telegraph stores, such as sole-plates, sockets, and tubes which had been transferred to Calcutta and Burma.

6. The landing of stores was carried on by contract, and the rate accepted being comparatively favourable, the cost was nearly the same as that of last year, viz., As. 13–6 per ton.

7. The rate paid for removal of packages including cart-hire averaged As. 6–6 per ton, which is less by 9 pies than that of the previous year.

8. The shipping operations were entirely conducted by the office staff deputed for the purpose. Boat-hire amounted to As. 13–3 per ton, for all stores except specie which is conveyed under special arrangements without regard to the carrying capacity of a boat.

9. The shipping charges would have been considerably lower were it not for shipments of explosives (the amount of which allowed to be carried in a boat is limited to 2,000 lb. with no other cargo), and several urgent consignments of less than a boat-load received and despatched after the usual time.

10. The sum of Rs. 780–14–8 was recovered on account of loss of, and damage to, stores, from the parties in fault, as follows:—

	Rs.	A.	P.
From the agents	758	14	2
„ landing contractor	22	0	6
Total ...	780	14	8

11. No loss whatsoever accrued to Government by the transactions of the year under report.

MADRAS,
15th August 1896.

(Signed) W. AVES, Commdr., R.I.M.,
Ag. Agent. for Govt. Consignments.

APPENDIX A.

STATEMENT of Government Stores landed during the past three official years.

Departments.	1893–94.		1894–95.		1895–96.	
	Packages.	Tons.	Packages.	Tons.	Packages.	Tons.
Civil—	2,131	269	1,611	219	2,615	351
Stamp	1,105	297	1,115	310	929	247
Stationery	9,237	506	10,770	253	12,114	444
Telegraph	204	44	131	29	163	41
Police	81	11	249	13	349	33
Press	6	1	16	2	..	..
Prisons	109	24	78	7	21	1
Salt	20	2	37	4	42	4
Survey	2	½	1	..	..	..
Forest	780	73	2,784	294	2,359	319
Post Office					145	..
Treasury—	855	..	480	..	167	..
Copper	458	..	489	..	16	..
Silver	30	6	13	..	1,930	281
Paper Currency Department ..	10,172	548	12,351	735	56	6
Public Works Department ..	85	6	68	7	193	28
Secretariat	122	16	285	36		
Government Gardens					2,073	484
Miltary—	2,146	490	1,899	415	501	149
Clothing	1,900	627	998	177	24,209	1,227
Medical	22,857	1,404	34,540	1,498	2,150	291
Ordnance	2,314	513	3,605	208	303	47
Commissariat	721	106	501	75		
Regimental necessaries					160	10
Marine—	58	8	316	27	630	85
Port Department	1,213	126	202	46		
Miscellaneous						
Total ..	56,606	5,077½	72,539	4,355	51,125	4,048

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APPENDIX B.

STATEMENT of Government Stores shipped during the past three official years.

Departments.	1893–94.		1894–95.		1895–96.	
	Packages.	Tons.	Packages.	Tons.	Packages.	Tons.
Civil—						
Stamp	233	25	221	24	267	29
Stationery	654	118	680	124	779	147
Telegraph	4,953	123	3,045	100	10,870	355
Police	926	58	933	69	497	53
Press	478	39	588	53	489	41
Prisons	103	4	58	5	23	1
Salt	732	34	950	54	725	27
Survey	236	20	138	11	54	6
Forest	1	..	87	5	..	..
Post Office	2	1	..	..	..	..
Treasury—						
Copper	163	8	225	..	105	..
Silver	95	..	22	..	865	..
Paper Currency Department ..	8	..	6	..	2	..
Public Works Department	3,168	54	1,241	85	1,678	48
Secretariat	..	..	..	..	..	..
Government Gardens	11	1	48	8	30	5
Military—						
Clothing	924	128	1,160	141	1,225	176
Medical	2,159	325	1,027	183	573	74
Ordnance	9,222	834	8,829	856	7,352	660
Commissariat	5,365	556	6,029	518	6,849	493
Regimental necessaries	..	..	..	..	..	..
Marine—						
Port Department	37	5	98	8	51	3
Miscellaneous	283	20	197	23	339	39
Total ..	29,753	2,353	25,582	2,267	32,773	2,157

MADRAS,
15th August 1896.

(Signed) W. AVES, Commander, R.I.M.,
Ag. Agent for Govt. Consignments.